A8620-1

NEWS

NMTBA
The Association For
Manufacturing Technology

FOR RELEASE: October 30, 1989
Contact: Charles Pollock

September machine tool orders up 33.4%, shipments up 24.5%

According to figures released today by NMTBA – The Association For Manufacturing Technology, September machine tool orders reached $302.95 million, up 33.4% from the $227.10 million posted in the previous month. September shipments rose to $281.20 million, up 24.5% from August's $225.80 million.

At $2,212.60 million, year–to–date machine tool orders are down 19.0% from the $2,733.15 million for the same period last year. Shipments for the first three quarters of 1989 total $2,250.20 million, up 37.5% from 1988's $1,636.85 million. Comparing September 1989 to September 1988, orders are down 7.7% and shipments are up 23.6%.

The machine tool order backlog for September was $2,153.65 million, up from August's $2,131.90 million.

Albert W. Moore, NMTBA president, said, "Both orders and shipments are up for the month of September, closing the third quarter on a strong note. Industry analysts had predicted a drop in orders of about 20% for 1989 compared to a very strong 1988. That prediction is holding true with the year–to–date order figure at the end of the third quarter down 19%. Shipments continue well ahead of last year as manufacturer's reap the benefits of 1988's strength."

He continued, "The eighties have been a period of transition for the U.S. machine tool industry. As the decade draws to a close, we look to the nineties with both optimism and caution

(more)

7901 WESTPARK DRIVE, McLEAN, VIRGINIA 22102-4269 / PHONE (703) 893-2900 / TLX: 353819 / FAX (703)893-1151

-- optimism because we know that the U.S. machine tool industry can regain lost ground and grow, caution because we know that there is much to be done to spur that growth."

Metal cutting machine tool orders for September stood at $192.85 million, up 23.4% from August's $156.25 million. Metal forming equipment orders went from $70.85 million in August to $110.10 million in September, a 55.4% rise. Year–to–date metal cutting orders were $1,544.40 million, down 24.9%, while metal forming orders for the same period were $668.20 million, just 1.1% below 1988's total for the same period. Comparing September 1989 to the same month in 1988, metal cutting machine tool orders were down 27.6% while metal forming orders were up 78.4%.

Metal cutting shipments for September were $227.75 million, up 34.0% compared to August's $169.90 million. Metal forming machine tool shipments were $53.45 million, down 4.4% from August's $55.90 million. Year–to–date metal cutting shipment figures were up 55.7% to $1,632.95 million and metal forming shipments were up 4.9% to $617.25 million. Compared to the same month a year ago, September metal cutting shipments were up 50.6% while metal forming shipments were down 30.0%.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
SEP 1989	171.70	21.15	192.85	104.95	5.15	110.10	276.65	26.30	302.95
AUG 1989	120.70	35.55	156.25	70.45	.40	70.85	191.15	35.95	227.10
% CHANGE									
SEP 1989:AUG 1989	+42.3	-40.5	+23.4	+49.0	+1,187.5	+55.4	+44.7	-26.8	+33.4
SEP 1988	252.95	13.55	266.50	51.65	10.05	61.70	304.60	23.60	328.20
% CHANGE									
SEP 1989:SEP 1988	-32.1	+56.1	-27.6	+103.2	-48.8	+78.4	-9.2	+11.4	-7.7
YEAR TO DATE 1989	1,340.95	203.45	1,544.40	589.70	78.50	668.20	1,930.65	281.95	2,212.60
YEAR TO DATE 1988	1,760.40	297.35	2,057.75	582.90	92.50	675.40	2,343.30	389.85	2,733.15
% CHANGE									
1989 : 1988	-23.8	-31.6	-24.9	+1.2	-15.1	-1.1	-17.6	-27.7	-19.0

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
SEP 1989	188.60	39.15	227.75	44.40	9.05	53.45	233.00	48.20	281.20
AUG 1989	147.20	22.70	169.90	49.75	6.15	55.90	196.95	28.85	225.80
% CHANGE									
SEP 1989:AUG 1989	+28.1	+72.5	+34.0	-10.8	+47.2	-4.4	+18.3	+67.1	+24.5
SEP 1988	133.50	17.70	151.20	65.70	10.65	76.35	199.20	28.35	227.55
% CHANGE									
SEP 1989:SEP 1988	+41.3	+121.2	+50.6	-32.4	-15.0	-30.0	+17.0	+70.0	+23.6
YEAR TO DATE 1989	1,435.60	197.35	1,632.95	523.30	93.95	617.25	1,958.90	291.30	2,250.20
YEAR TO DATE 1988	933.65	114.85	1,048.50	502.45	85.90	588.35	1,436.10	200.75	1,636.85
% CHANGE									
1989 : 1988	+53.8	+71.8	+55.7	+4.1	+9.4	+4.9	+36.4	+45.1	+37.5

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$3,065.10	$ 525.75	$3,590.85	$2,191.25	$2,102.30	$ 296.80	$2,399.10
1989							
JAN	$ 202.00	$ 28.85	$ 230.85	$2,269.90	$ 131.70	$ 20.50	$ 152.20
FEB	$ 248.35	$ 33.60	$ 281.95	$2,323.05	$ 200.30	$ 28.50	$ 228.80
MAR	$ 258.40	$ 32.10	$ 290.50	$2,306.90	$ 274.25	$ 32.40	$ 306.65
APR	$ 214.90	$ 27.65	$ 242.55	$2,299.90	$ 227.15	$ 22.40	$ 249.55
MAY	$ 187.95	$ 17.30	$ 205.25	$2,264.40	$ 219.50	$ 21.25	$ 240.75
JUN	$ 195.90	$ 44.80	$ 240.70	$2,177.55	$ 270.05	$ 57.50	$ 327.55
JUL	$ 155.35	$ 35.40	$ 190.75	$2,130.60	$ 206.00	$ 31.70	$ 237.70
AUG	$ 191.15	$ 35.95	$ 227.10	$2,131.90	$ 196.95	$ 28.85	$ 225.80
SEP (P)	$ 276.65	$ 26.30	$ 302.95	$2,153.65	$ 233.00	$ 48.20	$ 281.20
9 MONTHS	$1,930.65	$ 281.95	$2,212.60		$1,958.90	$ 291.30	$2,250.20

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$3,180.25	$ 541.75	$3,722.00	$ 115.15	$ 16.00	$ 131.15
1989						
JAN	$ 211.70	$ 30.05	$ 241.75	$ 9.70	$ 1.20	$ 10.90
FEB	$ 259.90	$ 34.40	$ 294.30	$ 11.55	$ .80	$ 12.35
MAR	$ 273.15	$ 33.20	$ 306.35	$ 14.75	$ 1.10	$ 15.85
APR	$ 222.00	$ 28.70	$ 250.70	$ 7.10	$ 1.05	$ 8.15
MAY	$ 199.50	$ 22.20	$ 221.70	$ 11.55	$ 4.90	$ 16.45
JUN	$ 216.90	$ 46.90	$ 263.80	$ 21.00	$ 2.10	$ 23.10
JUL	$ 175.25	$ 36.85	$ 212.10	$ 19.90	$ 1.45	$ 21.35
AUG	$ 198.80	$ 43.95	$ 242.75	$ 7.65	$ 8.00	$ 15.65
SEP (P)	$ 287.40	$ 29.30	$ 316.70	$ 10.75	$ 3.00	$ 13.75
9 MONTHS	$2,044.60	$ 305.55	$2,350.15	$ 113.95	$ 23.60	$ 137.55

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$2,315.75	$ 392.15	$2,707.90	$1,805.55	$1,400.10	$ 174.45	$1,574.55
1989							
JAN	$ 145.40	$ 21.60	$ 167.00	$1,869.70	$ 89.50	$ 13.35	$ 102.85
FEB	$ 191.30	$ 23.65	$ 214.95	$1,933.40	$ 133.90	$ 17.35	$ 151.25
MAR	$ 200.20	$ 20.40	$ 220.60	$1,926.55	$ 207.25	$ 20.20	$ 227.45
APR	$ 138.50	$ 14.30	$ 152.80	$1,895.30	$ 168.35	$ 15.70	$ 184.05
MAY	$ 138.10	$ 9.80	$ 147.90	$1,884.80	$ 145.40	$ 13.00	$ 158.40
JUN	$ 123.05	$ 35.80	$ 158.85	$1,807.95	$ 199.95	$ 35.75	$ 235.70
JUL	$ 112.00	$ 21.20	$ 133.20	$1,765.55	$ 155.45	$ 20.15	$ 175.60
AUG	$ 120.70	$ 35.55	$ 156.25	$1,751.90	$ 147.20	$ 22.70	$ 169.90
SEP (P)	$ 171.70	$ 21.15	$ 192.85	$1,717.00	$ 188.60	$ 39.15	$ 227.75
9 MONTHS	$1,340.95	$ 203.45	$1,544.40		$1,435.60	$ 197.35	$1,632.95

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$2,392.00	$ 403.30	$2,795.30	$ 76.25	$ 11.15	$ 87.40
1989						
JAN	$ 151.20	$ 22.55	$ 173.75	$ 5.80	$ .95	$ 6.75
FEB	$ 201.25	$ 24.05	$ 225.30	$ 9.95	$ .40	$ 10.35
MAR	$ 210.25	$ 21.35	$ 231.60	$ 10.05	$ .95	$ 11.00
APR	$ 144.05	$ 15.30	$ 159.35	$ 5.55	$ 1.00	$ 6.55
MAY	$ 149.30	$ 14.65	$ 163.95	$ 11.20	$ 4.85	$ 16.05
JUN	$ 142.05	$ 37.65	$ 179.70	$ 19.00	$ 1.85	$ 20.85
JUL	$ 131.25	$ 22.60	$ 153.85	$ 19.25	$ 1.40	$ 20.65
AUG	$ 124.60	$ 36.75	$ 161.35	$ 3.90	$ 1.20	$ 5.10
SEP (P)	$ 181.75	$ 23.00	$ 204.75	$ 10.05	$ 1.85	$ 11.90
9 MONTHS	$1,435.70	$ 217.90	$1,653.60	$ 94.75	$ 14.45	$ 109.20

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$ 749.35	$ 133.60	$ 882.95	$ 385.70	$ 702.20	$ 122.35	$ 824.55
1989							
JAN	$ 56.60	$ 7.25	$ 63.85	$ 400.20	$ 42.20	$ 7.15	$ 49.35
FEB	$ 57.05	$ 9.95	$ 67.00	$ 389.65	$ 66.40	$ 11.15	$ 77.55
MAR	$ 58.20	$ 11.70	$ 69.90	$ 380.35	$ 67.00	$ 12.20	$ 79.20
APR	$ 76.40	$ 13.35	$ 89.75	$ 404.60	$ 58.80	$ 6.70	$ 65.50
MAY	$ 49.85	$ 7.50	$ 57.35	$ 379.60	$ 74.10	$ 8.25	$ 82.35
JUN	$ 72.85	$ 9.00	$ 81.85	$ 369.60	$ 70.10	$ 21.75	$ 91.85
JUL	$ 43.35	$ 14.20	$ 57.55	$ 365.05	$ 50.55	$ 11.55	$ 62.10
AUG	$ 70.45	$ .40	$ 70.85	$ 380.00	$ 49.75	$ 6.15	$ 55.90
SEP (P)	$ 104.95	$ 5.15	$ 110.10	$ 436.65	$ 44.40	$ 9.05	$ 53.45
9 MONTHS	$ 589.70	$ 78.50	$ 668.20		$ 523.30	$ 93.95	$ 617.25

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$ 788.25	$ 138.45	$ 926.70	$ 38.90	$ 4.85	$ 43.75
1989						
JAN	$ 60.50	$ 7.50	$ 68.00	$ 3.90	$ .25	$ 4.15
FEB	$ 58.65	$ 10.35	$ 69.00	$ 1.60	$ .40	$ 2.00
MAR	$ 62.90	$ 11.85	$ 74.75	$ 4.70	$ .15	$ 4.85
APR	$ 77.95	$ 13.40	$ 91.35	$ 1.55	$ .05	$ 1.60
MAY	$ 50.20	$ 7.55	$ 57.75	$ .35	$ .05	$ .40
JUN	$ 74.85	$ 9.25	$ 84.10	$ 2.00	$ .25	$ 2.25
JUL	$ 44.00	$ 14.25	$ 58.25	$ .65	$ .05	$ .70
AUG	$ 74.20	$ 7.20	$ 81.40	$ 3.75	$ 6.80	$ 10.55
SEP (P)	$ 105.65	$ 6.30	$ 111.95	$ .70	$ 1.15	$ 1.85
9 MONTHS	$ 608.90	$ 87.65	$ 696.55	$ 19.20	$ 9.15	$ 28.35

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

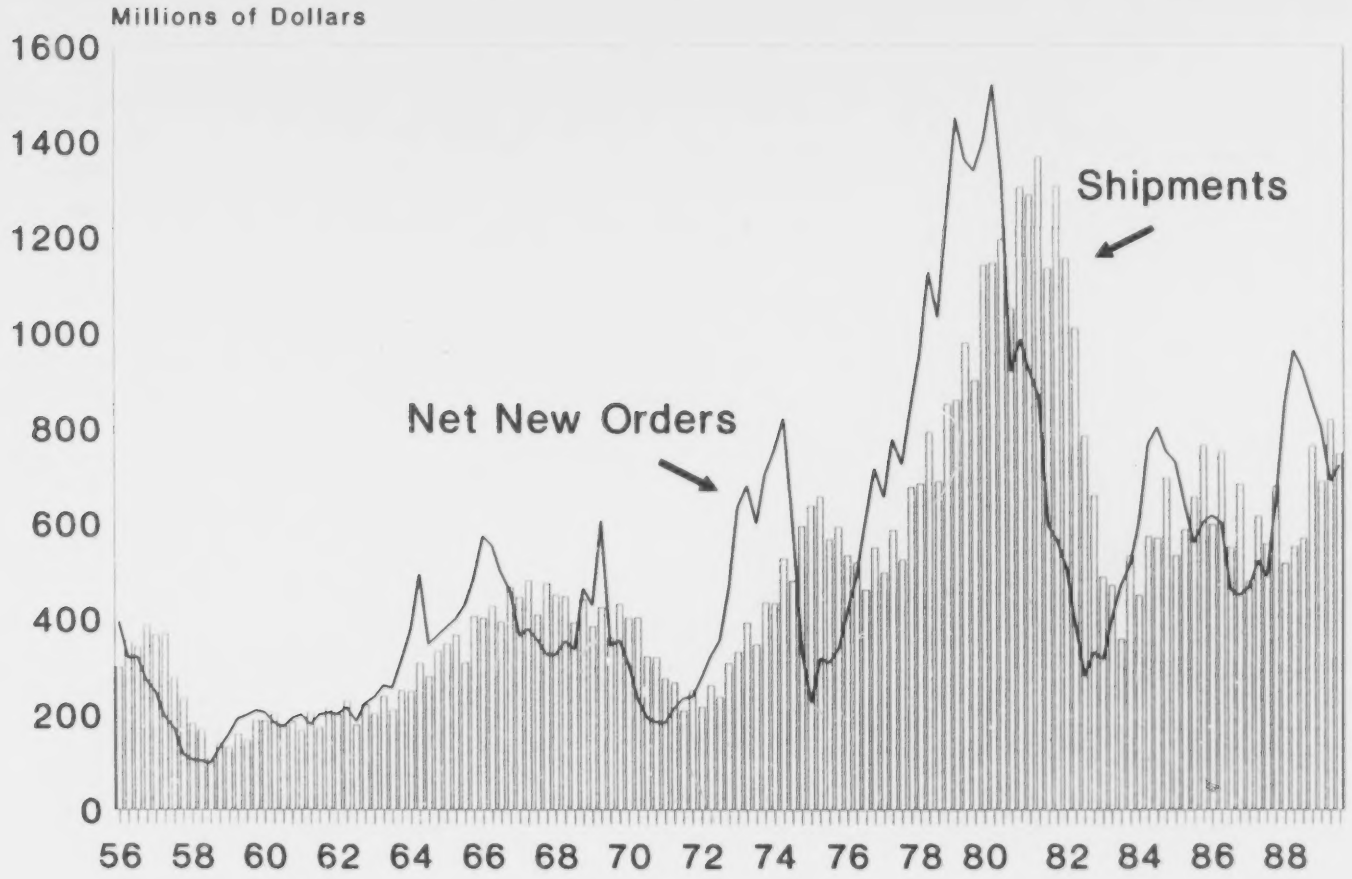
(Dollar Figures in Thousands)
1983 to Date

DATE	Cutting and Forming SHIPMENTS Total	Cutting and Forming SHIPMENTS Foreign	Cutting and Forming NET NEW ORDERS	Cutting SHIPMENTS Total	Cutting SHIPMENTS Foreign	Cutting NET NEW ORDERS	Forming SHIPMENTS Total	Forming SHIPMENTS Foreign	Forming NET NEW ORDERS
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	436,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	572,300	50,700	764,400	401,800	28,250	499,200	170,500	22,450	265,200
3	568,850	41,850	800,200	401,550	24,300	493,000	167,300	17,550	307,200
4	695,200	60,150	750,750	505,050	45,000	510,850	190,150	15,150	239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 675,000
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,500	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	960,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4	762,250	96,050	857,700	526,050	59,600	650,150	236,200	36,450	207,550
Total	$2,399,100	$296,800	$3,590,850	$1,574,550	$174,450	$2,707,900	$ 824,550	$ 122,350	$ 882,950
1989-1	$ 687,650	$ 81,400	$ 803,300	$ 481,550	$ 50,900	$ 602,550	$ 206,100	$ 30,500	$ 200,750
2	817,850	101,150	688,500	578,150	64,450	459,550	239,700	36,700	228,950
3P	744,700	108,750	720,800	573,250	82,000	482,300	171,450	26,750	238,500
Total	$2,250,200	$291,300	$2,212,600	$1,632,950	$197,350	$1,544,400	$ 617,250	$ 93,950	$ 668,200

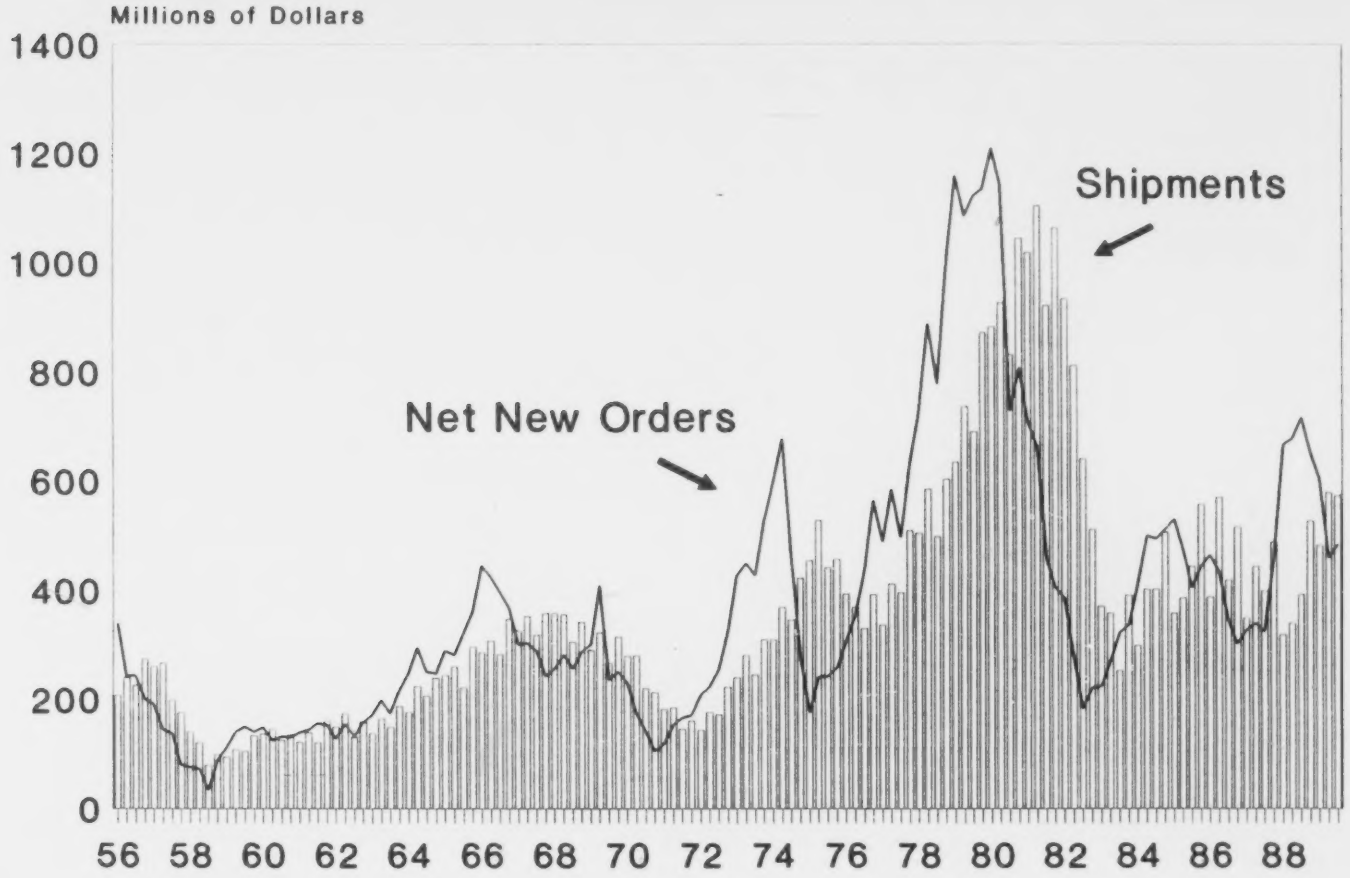
P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

October 30, 1989

Total Machine Tools
Shipments and Net New Orders, Quarterly



Metal Cutting Machine Tools
Shipments and Net New Orders, Quarterly



Metal Forming Machine Tools
Shipments and Net New Orders, Quarterly

NEWS

NMTBA
The Association For
Manufacturing Technology

FOR RELEASE: November 27, 1989
Contact: Charles Pollock

Machine tool orders down one–fifth

October new machine tool orders fell to $205.00 million, down 22% from the October 1988 total (and 32% from September 1989's $302.60 million), according to figures released today by NMTBA – The Association For Manufacturing Technology. Orders for the first 10 months of 1989 are down 19% compared to 1988.

October shipments stood at $251.55 million, up 19% from October 1988 but down 11% from the $282.00 million posted in the previous month. Year–to–date machine tool shipments for 1989 are 35% above the total for the same period in 1988. Comparing October 1989 to October 1988, shipments were up 19%.

The machine tool order backlog for October 1989 stood at $2,105.95 million, down from September's $2,152.50 million. The October 1988 backlog was $2,145.90 million.

Albert W. Moore, NMTBA president, said, "While year–to–date metal forming orders remain level with 1988, metal cutting orders have fallen — largely due to a drop in automotive orders. However, industry analysts have predicted another upturn in automotive machine tool purchases in the second half of 1990, as some of the uncertainties over fuel economy and clean air requirements become settled and as the automotive industry continues to invest because of competitive pressures."

"But, as important as domestic markets are, U.S. producers of manufacturing equipment must look overseas for growth opportunities," he continued. "Industrialization is spreading and

(more)

7901 WESTPARK DRIVE, McLEAN, VIRGINIA 22102-4269 / PHONE (703) 893-2900 / TLX: 353819 / FAX (703)893-1151

new markets are opening all around the globe. These new markets, combined with favorable exchange rates for the dollar, make this prime time for American machine tool manufacturers to move aggressively in the world market."

Metal cutting machine tool orders for October totaled $144.90 million, down 24.7% from September's $192.45 million. October orders for metal forming equipment were $60.10 million, a 45.4% drop from September's $110.15 million. Compared to 1988, 1989 year–to–date metal cutting orders fell 25.7%, from $2,273.15 million to $1,688.90 million, while metal forming orders rose 0.8%, from $722.25 million to $728.35 million. Comparing October 1989 to October 1988, metal cutting machine tool orders were down 32.7% while metal forming orders were up 28.3%.

October metal cutting shipments were $183.55 million, down 19.7% compared to September's $228.50 million. Metal forming machine tool shipments were $68.00 million in October, up 27.1% compared to September's $53.50 million. At $1,817.25 million, year–to–date metal cutting shipment figures were 52.1% ahead of 1988's $1,194.40 million. Year–to–date metal forming shipments rose 4.7%, going from $654.60 million in 1988 to $685.30 million in 1989. Compared to the same month a year ago, October metal cutting shipments were up 25.8% and metal forming shipments were up 2.6%.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
OCT 1989	135.70	9.20	144.90	47.05	13.05	60.10	182.75	22.25	205.00
SEP 1989	174.50	17.95	192.45	105.00	5.15	110.15	279.50	23.10	302.60
% CHANGE									
OCT 1989:SEP 1989	-22.2	-48.7	-24.7	-55.2	+153.4	-45.4	-34.6	-3.7	-32.3
OCT 1988	199.25	16.15	215.40	40.00	6.85	46.85	239.25	23.00	262.25
% CHANGE									
OCT 1989:OCT 1988	-31.9	-43.0	-32.7	+17.6	+90.5	+28.3	-23.6	-3.3	-21.8
YEAR TO DATE 1989	1,479.45	209.45	1,688.90	636.80	91.55	728.35	2,116.25	301.00	2,417.25
YEAR TO DATE 1988	1,959.65	313.50	2,273.15	622.90	99.35	722.25	2,582.55	412.85	2,995.40
% CHANGE									
1989 : 1988	-24.5	-33.2	-25.7	+2.2	-7.9	+0.8	-18.1	-27.1	-19.3

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
OCT 1989	161.95	21.60	183.55	58.80	9.20	68.00	220.75	30.80	251.55
SEP 1989	188.75	39.75	228.50	44.45	9.05	53.50	233.20	48.80	282.00
% CHANGE									
OCT 1989:SEP 1989	-14.2	-45.7	-19.7	+32.3	+1.7	+27.1	-5.3	-36.9	-10.8
OCT 1988	123.35	22.55	145.90	55.30	10.95	66.25	178.65	33.50	212.15
% CHANGE									
OCT 1989:OCT 1988	+31.3	-4.2	+25.8	+6.3	-16.0	+2.6	+23.6	-8.1	+18.6
YEAR TO DATE 1989	1,597.70	219.55	1,817.25	582.15	103.15	685.30	2,179.85	322.70	2,502.55
YEAR TO DATE 1988	1,057.00	137.40	1,194.40	557.75	96.85	654.60	1,614.75	234.25	1,849.00
% CHANGE									
1989 : 1988	+51.2	+59.8	+52.1	+4.4	+6.5	+4.7	+35.0	+37.8	+35.3

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$3,065.10	$ 525.75	$3,590.85	$2,191.25	$2,102.30	$ 296.80	$2,399.10
1989							
JAN	$ 202.00	$ 28.85	$ 230.85	$2,269.90	$ 131.70	$ 20.50	$ 152.20
FEB	$ 248.35	$ 33.60	$ 281.95	$2,323.05	$ 200.30	$ 28.50	$ 228.80
MAR	$ 258.40	$ 32.10	$ 290.50	$2,306.90	$ 274.25	$ 32.40	$ 306.65
APR	$ 214.90	$ 27.65	$ 242.55	$2,299.90	$ 227.15	$ 22.40	$ 249.55
MAY	$ 187.95	$ 17.30	$ 205.25	$2,264.40	$ 219.50	$ 21.25	$ 240.75
JUN	$ 195.90	$ 44.80	$ 240.70	$2,177.55	$ 270.05	$ 57.50	$ 327.55
JUL	$ 155.35	$ 35.40	$ 190.75	$2,130.60	$ 206.00	$ 31.70	$ 237.70
AUG	$ 191.15	$ 35.95	$ 227.10	$2,131.90	$ 196.95	$ 28.85	$ 225.80
SEP	$ 279.50	$ 23.10	$ 302.60	$2,152.50	$ 233.20	$ 48.80	$ 282.00
OCT (P)	$ 182.75	$ 22.25	$ 205.00	$2,105.95	$ 220.75	$ 30.80	$ 251.55
10 MONTHS	$2,116.25	$ 301.00	$2,417.25		$2,179.85	$ 322.70	$2,502.55

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$3,180.25	$ 541.75	$3,722.00	$ 115.15	$ 16.00	$ 131.15
1989						
JAN	$ 211.70	$ 30.05	$ 241.75	$ 9.70	$ 1.20	$ 10.90
FEB	$ 259.90	$ 34.40	$ 294.30	$ 11.55	$ .80	$ 12.35
MAR	$ 273.15	$ 33.20	$ 306.35	$ 14.75	$ 1.10	$ 15.85
APR	$ 222.00	$ 28.70	$ 250.70	$ 7.10	$ 1.05	$ 8.15
MAY	$ 199.50	$ 22.20	$ 221.70	$ 11.55	$ 4.90	$ 16.45
JUN	$ 216.90	$ 46.90	$ 263.80	$ 21.00	$ 2.10	$ 23.10
JUL	$ 175.25	$ 36.85	$ 212.10	$ 19.90	$ 1.45	$ 21.35
AUG	$ 198.80	$ 43.95	$ 242.75	$ 7.65	$ 8.00	$ 15.65
SEP	$ 290.10	$ 27.25	$ 317.35	$ 10.60	$ 4.15	$ 14.75
OCT (P)	$ 192.10	$ 25.15	$ 217.25	$ 9.35	$ 2.90	$ 12.25
10 MONTHS	$2,239.40	$ 328.65	$2,568.05	$ 123.15	$ 27.65	$ 150.80

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE

METAL CUTTING TYPE MACHINE TOOLS

New Orders, Cancellations, Shipments and Backlog

(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$2,315.75	$ 392.15	$2,707.90	$1,805.55	$1,400.10	$ 174.45	$1,574.55
1989							
JAN	$ 145.40	$ 21.60	$ 167.00	$1,869.70	$ 89.50	$ 13.35	$ 102.85
FEB	$ 191.30	$ 23.65	$ 214.95	$1,933.40	$ 133.90	$ 17.35	$ 151.25
MAR	$ 200.20	$ 20.40	$ 220.60	$1,926.55	$ 207.25	$ 20.20	$ 227.45
APR	$ 138.50	$ 14.30	$ 152.80	$1,895.30	$ 168.35	$ 15.70	$ 184.05
MAY	$ 138.10	$ 9.80	$ 147.90	$1,884.80	$ 145.40	$ 13.00	$ 158.40
JUN	$ 123.05	$ 35.80	$ 158.85	$1,807.95	$ 199.95	$ 35.75	$ 235.70
JUL	$ 112.00	$ 21.20	$ 133.20	$1,765.55	$ 155.45	$ 20.15	$ 175.60
AUG	$ 120.70	$ 35.55	$ 156.25	$1,751.90	$ 147.20	$ 22.70	$ 169.90
SEP	$ 174.50	$ 17.95	$ 192.45	$1,715.85	$ 188.75	$ 39.75	$ 228.50
OCT (P)	$ 135.70	$ 9.20	$ 144.90	$1,677.20	$ 161.95	$ 21.60	$ 183.55
10 MONTHS	$1,479.45	$ 209.45	$1,688.90		$1,597.70	$ 219.55	$1,817.25

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$2,392.00	$ 403.30	$2,795.30	$ 76.25	$ 11.15	$ 87.40
1989						
JAN	$ 151.20	$ 22.55	$ 173.75	$ 5.80	$ .95	$ 6.75
FEB	$ 201.25	$ 24.05	$ 225.30	$ 9.95	$ .40	$ 10.35
MAR	$ 210.25	$ 21.35	$ 231.60	$ 10.05	$ .95	$ 11.00
APR	$ 144.05	$ 15.30	$ 159.35	$ 5.55	$ 1.00	$ 6.55
MAY	$ 149.30	$ 14.65	$ 163.95	$ 11.20	$ 4.85	$ 16.05
JUN	$ 142.05	$ 37.65	$ 179.70	$ 19.00	$ 1.85	$ 20.85
JUL	$ 131.25	$ 22.60	$ 153.85	$ 19.25	$ 1.40	$ 20.65
AUG	$ 124.60	$ 36.75	$ 161.35	$ 3.90	$ 1.20	$ 5.10
SEP	$ 184.40	$ 20.95	$ 205.35	$ 9.90	$ 3.00	$ 12.90
OCT (P)	$ 144.00	$ 10.60	$ 154.60	$ 8.30	$ 1.40	$ 9.70
10 MONTHS	$1,582.35	$ 226.45	$1,808.80	$ 102.90	$ 17.00	$ 119.90

P - Preliminary

Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$ 749.35	$ 133.60	$ 882.95	$ 385.70	$ 702.20	$ 122.35	$ 824.55
1989							
JAN	$ 56.60	$ 7.25	$ 63.85	$ 400.20	$ 42.20	$ 7.15	$ 49.35
FEB	$ 57.05	$ 9.95	$ 67.00	$ 389.65	$ 66.40	$ 11.15	$ 77.55
MAR	$ 58.20	$ 11.70	$ 69.90	$ 380.35	$ 67.00	$ 12.20	$ 79.20
APR	$ 76.40	$ 13.35	$ 89.75	$ 404.60	$ 58.80	$ 6.70	$ 65.50
MAY	$ 49.85	$ 7.50	$ 57.35	$ 379.60	$ 74.10	$ 8.25	$ 82.35
JUN	$ 72.85	$ 9.00	$ 81.85	$ 369.60	$ 70.10	$ 21.75	$ 91.85
JUL	$ 43.35	$ 14.20	$ 57.55	$ 365.05	$ 50.55	$ 11.55	$ 62.10
AUG	$ 70.45	$ .40	$ 70.85	$ 380.00	$ 49.75	$ 6.15	$ 55.90
SEP	$ 105.00	$ 5.15	$ 110.15	$ 436.65	$ 44.45	$ 9.05	$ 53.50
OCT (P)	$ 47.05	$ 13.05	$ 60.10	$ 428.75	$ 58.80	$ 9.20	$ 68.00
10 MONTHS	$ 636.80	$ 91.55	$ 728.35		$ 582.15	$ 103.15	$ 685.30

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$ 788.25	$ 138.45	$ 926.70	$ 38.90	$ 4.85	$ 43.75
1989						
JAN	$ 60.50	$ 7.50	$ 68.00	$ 3.90	$ .25	$ 4.15
FEB	$ 58.65	$ 10.35	$ 69.00	$ 1.60	$ .40	$ 2.00
MAR	$ 62.90	$ 11.85	$ 74.75	$ 4.70	$ .15	$ 4.85
APR	$ 77.95	$ 13.40	$ 91.35	$ 1.55	$ .05	$ 1.60
MAY	$ 50.20	$ 7.55	$ 57.75	$ .35	$ .05	$ .40
JUN	$ 74.85	$ 9.25	$ 84.10	$ 2.00	$ .25	$ 2.25
JUL	$ 44.00	$ 14.25	$ 58.25	$ .65	$ .05	$ .70
AUG	$ 74.20	$ 7.20	$ 81.40	$ 3.75	$ 6.80	$ 10.55
SEP	$ 105.70	$ 6.30	$ 112.00	$ .70	$ 1.15	$ 1.85
OCT (P)	$ 48.10	$ 14.55	$ 62.65	$ 1.05	$ 1.50	$ 2.55
10 MONTHS	$ 657.05	$ 102.20	$ 759.25	$ 20.25	$ 10.65	$ 30.90

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

A 06201

NEWS

NMTBA
The Association For
Manufacturing Technology

FOR RELEASE: December 26, 1989
Contact: Charles Pollock, Communications Director, 703–827–5206
Glyn Finley, Statistical Director, 703–827–5255

Machine tool shipments rise, orders are down

November machine tool shipments rose to $313.70 million, up 25% from October's $251.55 million, and 22% ahead of November 1988, according to figures released today by NMTBA – The Association For Manufacturing Technology. Year–to–date 1989 machine tool shipments are 34% ahead of the same period in 1988.

November new machine tool orders stood at $184.40 million, down 10% from the $205.00 million tallied in the previous month. Orders for the first eleven months of 1989 are down 21% compared to the same period in 1988. Comparing November 1989 to November 1988, orders are down 34%.

The machine tool order backlog for November 1989 stood at $1,976.65 million, down from October's $2,105.95 million. The November 1988 backlog was $2,167.35 million.

Albert W. Moore, NMTBA president, said, "Shipments for 1989 continue to run well ahead of 1988, up 34% for the year. Considering that 1988 was the best year the industry has seen since the beginning of the decade, the drop in orders is not unexpected."

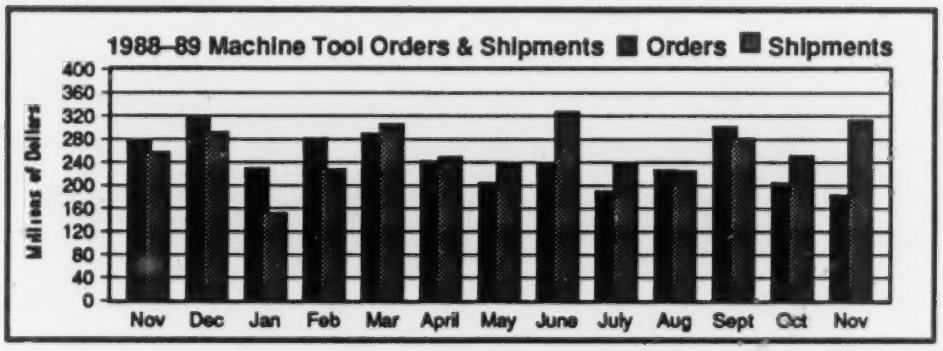
He continued, "Opportunities exist. Analysts predict that the market for machine tools globally may grow 15% per annum in the early 90s. In fact, if American companies don't move into the global market now, when it is so oriented to capital goods spending, the mid–90s may be too late. It is alarming to note that the U.S. share of the world's total machine tool exports has declined to a mere 3%. It is time to rebalance the scales, it is time to become aggressive in the global market."

(more)

7901 WESTPARK DRIVE, McLEAN, VIRGINIA 22102-4269 / PHONE (703) 893-2900 / TLX: 353819 / FAX (703)893-1151

November metal cutting machine tool orders totaled $128.90 million, an 11% drop from October's $144.90 million. Metal forming orders for November fell 8%, from $60.10 million to $55.50 million. Compared to 1988, 1989 year–to–date metal cutting orders fell 26% to $1,817.80 million, and metal forming orders fell 4% to $783.85 million. Comparing November 1989 to the same month in 1988, metal cutting machine tool orders were down 32%, while metal forming orders were down 39%.

November metal cutting machine tool shipments reached $228.60 million, a 25% rise compared to October's $183.55 million. Metal forming shipments rose 25%, going from $68.00 million in October to $85.10 million in November. At $2,045.85 million, 1989 year–to–date metal cutting shipment figures were 50% ahead of 1988. Year–to–date metal forming shipments rose to $770.40 million, up 4% compared to 1988. Compared to the same month a year ago, November metal cutting shipments were up 34% and metal forming shipments were down 2%.



# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
NOV 1989	108.15	20.75	128.90	40.05	15.45	55.50	148.20	36.20	184.40
OCT 1989	135.70	9.20	144.90	47.05	13.05	60.10	182.75	22.25	205.00
% CHANGE NOV 1989:OCT 1989	-20.3	+125.5	-11.0	-14.9	+18.4	-7.7	-18.9	+62.7	-10.0
NOV 1988	164.60	23.75	188.35	66.25	24.40	90.65	230.85	48.15	279.00
% CHANGE NOV 1989:NOV 1988	-34.3	-12.6	-31.6	-39.5	-36.7	-38.8	-35.8	-24.8	-33.9
YEAR TO DATE 1989	1,587.60	230.20	1,817.80	676.85	107.00	783.85	2,264.45	337.20	2,601.65
YEAR TO DATE 1988	2,124.25	337.25	2,461.50	689.15	123.75	812.90	2,813.40	461.00	3,274.40
% CHANGE 1989 : 1988	-25.3	-31.7	-26.2	-1.8	-13.5	-3.6	-19.5	-26.9	-20.5

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
NOV 1989	201.10	27.50	228.60	64.15	20.95	85.10	265.25	48.45	313.70
OCT 1989	161.95	21.60	183.55	58.80	9.20	68.00	220.75	30.80	251.55
% CHANGE NOV 1989:OCT 1989	+24.2	+27.3	+24.5	+9.1	+127.7	+25.1	+20.2	+57.3	+24.7
NOV 1988	156.70	14.10	170.80	80.15	6.60	86.75	236.85	20.70	257.55
% CHANGE NOV 1989:NOV 1988	+28.3	+95.0	+33.8	-20.0	+217.4	-1.9	+12.0	+134.1	+21.8
YEAR TO DATE 1989	1,798.80	247.05	2,045.85	646.30	124.10	770.40	2,445.10	371.15	2,816.25
YEAR TO DATE 1988	1,213.70	151.50	1,365.20	637.90	103.45	741.35	1,851.60	254.95	2,106.55
% CHANGE 1989 : 1988	+48.2	+63.1	+49.9	+1.3	+20.0	+3.9	+32.1	+45.6	+33.7

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$3,065.10	$ 525.75	$3,590.85	$2,191.25	$2,102.30	$ 296.80	$2,399.10
1989							
JAN	$ 202.00	$ 28.85	$ 230.85	$2,269.90	$ 131.70	$ 20.50	$ 152.20
FEB	$ 248.35	$ 33.60	$ 281.95	$2,323.05	$ 200.30	$ 28.50	$ 228.80
MAR	$ 258.40	$ 32.10	$ 290.50	$2,306.90	$ 274.25	$ 32.40	$ 306.65
APR	$ 214.90	$ 27.65	$ 242.55	$2,299.90	$ 227.15	$ 22.40	$ 249.55
MAY	$ 187.95	$ 17.30	$ 205.25	$2,264.40	$ 219.50	$ 21.25	$ 240.75
JUN	$ 195.90	$ 44.80	$ 240.70	$2,177.55	$ 270.05	$ 57.50	$ 327.55
JUL	$ 155.35	$ 35.40	$ 190.75	$2,130.60	$ 206.00	$ 31.70	$ 237.70
AUG	$ 191.15	$ 35.95	$ 227.10	$2,131.90	$ 196.95	$ 28.85	$ 225.80
SEP	$ 279.50	$ 23.10	$ 302.60	$2,152.50	$ 233.20	$ 48.80	$ 282.00
OCT	$ 182.75	$ 22.25	$ 205.00	$2,105.95	$ 220.75	$ 30.80	$ 251.55
NOV (P)	$ 148.20	$ 36.20	$ 184.40	$1,976.65	$ 265.25	$ 48.45	$ 313.70
11 MONTHS	$2,264.45	$ 337.20	$2,601.65		$2,445.10	$ 371.15	$2,816.25

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$3,180.25	$ 541.75	$3,722.00	$ 115.15	$ 16.00	$ 131.15
1989						
JAN	$ 211.70	$ 30.05	$ 241.75	$ 9.70	$ 1.20	$ 10.90
FEB	$ 259.90	$ 34.40	$ 294.30	$ 11.55	$ .80	$ 12.35
MAR	$ 273.15	$ 33.20	$ 306.35	$ 14.75	$ 1.10	$ 15.85
APR	$ 222.00	$ 28.70	$ 250.70	$ 7.10	$ 1.05	$ 8.15
MAY	$ 199.50	$ 22.20	$ 221.70	$ 11.55	$ 4.90	$ 16.45
JUN	$ 216.90	$ 46.90	$ 263.80	$ 21.00	$ 2.10	$ 23.10
JUL	$ 175.25	$ 36.85	$ 212.10	$ 19.90	$ 1.45	$ 21.35
AUG	$ 198.80	$ 43.95	$ 242.75	$ 7.65	$ 8.00	$ 15.65
SEP	$ 290.10	$ 27.25	$ 317.35	$ 10.60	$ 4.15	$ 14.75
OCT	$ 192.10	$ 25.15	$ 217.25	$ 9.35	$ 2.90	$ 12.25
NOV (P)	$ 156.90	$ 42.40	$ 199.30	$ 8.70	$ 6.20	$ 14.90
11 MONTHS	$2,396.30	$ 371.05	$2,767.35	$ 131.85	$ 33.85	$ 165.70

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$2,315.75	$ 392.15	$2,707.90	$1,805.55	$1,400.10	$ 174.45	$1,574.55
1989							
JAN	$ 145.40	$ 21.60	$ 167.00	$1,869.70	$ 89.50	$ 13.35	$ 102.85
FEB	$ 191.30	$ 23.65	$ 214.95	$1,933.40	$ 133.90	$ 17.35	$ 151.25
MAR	$ 200.20	$ 20.40	$ 220.60	$1,926.55	$ 207.25	$ 20.20	$ 227.45
APR	$ 138.50	$ 14.30	$ 152.80	$1,895.30	$ 168.35	$ 15.70	$ 184.05
MAY	$ 138.10	$ 9.80	$ 147.90	$1,884.80	$ 145.40	$ 13.00	$ 158.40
JUN	$ 123.05	$ 35.80	$ 158.85	$1,807.95	$ 199.95	$ 35.75	$ 235.70
JUL	$ 112.00	$ 21.20	$ 133.20	$1,765.55	$ 155.45	$ 20.15	$ 175.60
AUG	$ 120.70	$ 35.55	$ 156.25	$1,751.90	$ 147.20	$ 22.70	$ 169.90
SEP	$ 174.50	$ 17.95	$ 192.45	$1,715.85	$ 188.75	$ 39.75	$ 228.50
OCT	$ 135.70	$ 9.20	$ 144.90	$1,677.20	$ 161.95	$ 21.60	$ 183.55
NOV (P)	$ 108.15	$ 20.75	$ 128.90	$1,577.50	$ 201.10	$ 27.50	$ 228.60
11 MONTHS	$1,587.60	$ 230.20	$1,817.80		$1,798.80	$ 247.05	$2,045.85

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$2,392.00	$ 403.30	$2,795.30	$ 76.25	$ 11.15	$ 87.40
1989						
JAN	$ 151.20	$ 22.55	$ 173.75	$ 5.80	$ .95	$ 6.75
FEB	$ 201.25	$ 24.05	$ 225.30	$ 9.95	$ .40	$ 10.35
MAR	$ 210.25	$ 21.35	$ 231.60	$ 10.05	$ .95	$ 11.00
APR	$ 144.05	$ 15.30	$ 159.35	$ 5.55	$ 1.00	$ 6.55
MAY	$ 149.30	$ 14.65	$ 163.95	$ 11.20	$ 4.85	$ 16.05
JUN	$ 142.05	$ 37.65	$ 179.70	$ 19.00	$ 1.85	$ 20.85
JUL	$ 131.25	$ 22.60	$ 153.85	$ 19.25	$ 1.40	$ 20.65
AUG	$ 124.60	$ 36.75	$ 161.35	$ 3.90	$ 1.20	$ 5.10
SEP	$ 184.40	$ 20.95	$ 205.35	$ 9.90	$ 3.00	$ 12.90
OCT	$ 144.00	$ 10.60	$ 154.60	$ 8.30	$ 1.40	$ 9.70
NOV (P)	$ 114.30	$ 26.80	$ 141.10	$ 6.15	$ 6.05	$ 12.20
11 MONTHS	$1,696.65	$ 253.25	$1,949.90	$ 109.05	$ 23.05	$ 132.10

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$ 749.35	$ 133.60	$ 882.95	$385.70	$ 702.20	$ 122.35	$ 824.55
1989							
JAN	$ 56.60	$ 7.25	$ 63.85	$400.20	$ 42.20	$ 7.15	$ 49.35
FEB	$ 57.05	$ 9.95	$ 67.00	$389.65	$ 66.40	$ 11.15	$ 77.55
MAR	$ 58.20	$ 11.70	$ 69.90	$380.35	$ 67.00	$ 12.20	$ 79.20
APR	$ 76.40	$ 13.35	$ 89.75	$404.60	$ 58.80	$ 6.70	$ 65.50
MAY	$ 49.85	$ 7.50	$ 57.35	$379.60	$ 74.10	$ 8.25	$ 82.35
JUN	$ 72.85	$ 9.00	$ 81.85	$369.60	$ 70.10	$ 21.75	$ 91.85
JUL	$ 43.35	$ 14.20	$ 57.55	$365.05	$ 50.55	$ 11.55	$ 62.10
AUG	$ 70.45	$ .40	$ 70.85	$380.00	$ 49.75	$ 6.15	$ 55.90
SEP	$ 105.00	$ 5.15	$ 110.15	$436.65	$ 44.45	$ 9.05	$ 53.50
OCT	$ 47.05	$ 13.05	$ 60.10	$428.75	$ 58.80	$ 9.20	$ 68.00
NOV (P)	$ 40.05	$ 15.45	$ 55.50	$399.15	$ 64.15	$ 20.95	$ 85.10
11 MONTHS	$ 676.85	$ 107.00	$ 783.85		$ 646.30	$ 124.10	$ 770.40

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$ 788.25	$ 138.45	$ 926.70	$ 38.90	$ 4.85	$ 43.75
1989						
JAN	$ 60.50	$ 7.50	$ 68.00	$ 3.90	$ .25	$ 4.15
FEB	$ 58.65	$ 10.35	$ 69.00	$ 1.60	$ .40	$ 2.00
MAR	$ 62.90	$ 11.85	$ 74.75	$ 4.70	$ .15	$ 4.85
APR	$ 77.95	$ 13.40	$ 91.35	$ 1.55	$ .05	$ 1.60
MAY	$ 50.20	$ 7.55	$ 57.75	$ .35	$ .05	$ .40
JUN	$ 74.85	$ 9.25	$ 84.10	$ 2.00	$ .25	$ 2.25
JUL	$ 44.00	$ 14.25	$ 58.25	$ .65	$ .05	$ .70
AUG	$ 74.20	$ 7.20	$ 81.40	$ 3.75	$ 6.80	$ 10.55
SEP	$ 105.70	$ 6.30	$ 112.00	$ .70	$ 1.15	$ 1.85
OCT	$ 48.10	$ 14.55	$ 62.65	$ 1.05	$ 1.50	$ 2.55
NOV (P)	$ 42.60	$ 15.60	$ 58.20	$ 2.55	$ .15	$ 2.70
11 MONTHS	$ 699.65	$ 117.80	$ 817.45	$ 22.80	$ 10.80	$ 33.60

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

AR820-1

NEWS

NMTBA
The Association For
Manufacturing Technology

FOR RELEASE: January 29, 1990
Contact: Charles Pollock, Vice President, Communications, 703–827–5206
Glyn Finley, Statistical Director, 703–827–5255

1989 machine tool shipments up 33%

Machine tool shipments for 1989 topped out at $3,200.70 million, 33% above 1988's total, according to figures released today by NMTBA – The Association For Manufacturing Technology. Metal cutting machine shipments reached $2,359.10 million, up 50% for the year, and metal forming shipments reached $841.60 million, up 2%.

Net new machine tool orders for the year totaled $2,811.40 million, down 22% compared to 1988. Metal cutting orders were $1,976.60 million, a 27% drop for the year, while metal forming orders totaled $834.80 million, down 5.5%.

The machine tool order backlog for December 1989 was $1,801.95 million, down from November's $1,976.65 million. The December 1988 backlog was $2,191.25 million.

Albert W. Moore, NMTBA president, said, "We are pleased with the rise in shipments in 1989. Exports, in particular, rose 47%, with foreign metal cutting shipments up 72%. It's good to see exports rising — but we still have a long, long way to go. More exports are absolutely essential if U.S. manufacturers are to regain the strength they've lost in recent years."

"American business must lead the way," he continued. "Business and government must work together to develop a national industrial strategy that helps American companies compete overseas. Every other industrialized nation has an aggressive policy to help its manufacturers in the fiercely competitive world market. U.S. manufacturers must become much more aggressive as exporters; and the U.S. government must help, not hinder, in this crucial effort."

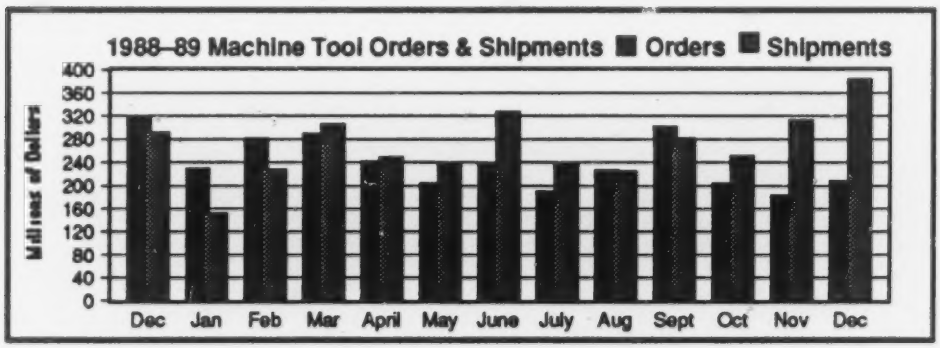
(more)

7901 WESTPARK DRIVE, McLEAN, VIRGINIA 22102-4269 / PHONE (703) 893-2900 / TLX: 353819 / FAX (703) 893-1151

December 1989 new machine tool orders totaled $209.75 million, up 14% from November's $184.40 million. Comparing December 1989 to December 1988, total orders were down 34%.

December metal cutting orders totaled $158.80 million, up 23% for the month. Metal forming orders were $50.95 million, down 8% compared to November. Comparing December 1989 to December 1988, metal cutting orders were down 36% and metal forming orders were down 27%.

Total machine tool shipments for December stood at $384.45 million, up 23% from November's $313.70 million. At $313.25 million, December metal cutting shipments were up 37% compared to November. December metal forming shipments dropped to $71.20 million, down 16% compared to the previous month. Compared to December 1988, December 1989 total shipments were up 31%, with metal cutting up 50% and metal forming down 14%.



# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
DEC 1989	135.45	23.35	158.80	43.90	7.05	50.95	179.35	30.40	209.75
NOV 1989	108.15	20.75	128.90	40.05	15.45	55.50	148.20	36.20	184.40
% CHANGE									
DEC 1989:NOV 1989	+25.2	+12.5	+23.2	+9.6	-54.4	-8.2	+21.0	-16.0	+13.7
DEC 1988	191.50	54.90	246.40	60.20	9.85	70.05	251.70	64.75	316.45
% CHANGE									
DEC 1989:DEC 1988	-29.3	-57.5	-35.6	-27.1	-28.4	-27.3	-28.7	-53.1	-33.7
YEAR TO DATE 1989	1,723.05	253.55	1,976.60	720.75	114.05	834.80	2,443.80	367.60	2,811.40
YEAR TO DATE 1988	2,315.75	392.15	2,707.90	749.35	133.60	882.95	3,065.10	525.75	3,590.85
% CHANGE									
1989 : 1988	-25.6	-35.3	-27.0	-3.8	-14.6	-5.5	-20.3	-30.1	-21.7

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
DEC 1989	260.80	52.45	313.25	60.10	11.10	71.20	320.90	63.55	384.45
NOV 1989	201.10	27.50	228.60	64.15	20.95	85.10	265.25	48.45	313.70
% CHANGE									
DEC 1989:NOV 1989	+29.7	+90.7	+37.0	-6.3	-47.0	-16.3	+21.0	+31.2	+22.6
DEC 1988	186.40	22.95	209.35	64.30	18.90	83.20	250.70	41.85	292.55
% CHANGE									
DEC 1989:DEC 1988	+39.9	+128.5	+49.6	-6.5	-41.3	-14.4	+28.0	+51.9	+31.4
YEAR TO DATE 1989	2,059.60	299.50	2,359.10	706.40	135.20	841.60	2,766.00	434.70	3,200.70
YEAR TO DATE 1988	1,400.10	174.45	1,574.55	702.20	122.35	824.55	2,102.30	296.80	2,399.10
% CHANGE									
1989 : 1988	+47.1	+71.7	+49.8	+0.6	+10.5	+2.1	+31.6	+46.5	+33.4

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$3,065.10	$525.75	$3,590.85	$2,191.25	$2,102.30	$296.80	$2,399.10
1989							
JAN	$ 202.00	$ 28.85	$ 230.85	$2,269.90	$ 131.70	$ 20.50	$ 152.20
FEB	$ 248.35	$ 33.60	$ 281.95	$2,323.05	$ 200.30	$ 28.50	$ 228.80
MAR	$ 258.40	$ 32.10	$ 290.50	$2,306.90	$ 274.25	$ 32.40	$ 306.65
APR	$ 214.90	$ 27.65	$ 242.55	$2,299.90	$ 227.15	$ 22.40	$ 249.55
MAY	$ 187.95	$ 17.30	$ 205.25	$2,264.40	$ 219.50	$ 21.25	$ 240.75
JUN	$ 195.90	$ 44.80	$ 240.70	$2,177.55	$ 270.05	$ 57.50	$ 327.55
JUL	$ 155.35	$ 35.40	$ 190.75	$2,130.60	$ 206.00	$ 31.70	$ 237.70
AUG	$ 191.15	$ 35.95	$ 227.10	$2,131.90	$ 196.95	$ 28.85	$ 225.80
SEP	$ 279.50	$ 23.10	$ 302.60	$2,152.50	$ 233.20	$ 48.80	$ 282.00
OCT	$ 182.75	$ 22.25	$ 205.00	$2,105.95	$ 220.75	$ 30.80	$ 251.55
NOV	$ 148.20	$ 36.20	$ 184.40	$1,976.65	$ 265.25	$ 48.45	$ 313.70
DEC (P)	$ 179.35	$ 30.40	$ 209.75	$1,801.95	$ 320.90	$ 63.55	$ 384.45
12 MONTHS	$2,443.80	$367.60	$2,811.40		$2,766.00	$434.70	$3,200.70

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$3,180.25	$541.75	$3,722.00	$ 115.15	$ 16.00	$ 131.15
1989						
JAN	$ 211.70	$ 30.05	$ 241.75	$ 9.70	$ 1.20	$ 10.90
FEB	$ 259.90	$ 34.40	$ 294.30	$ 11.55	$ .80	$ 12.35
MAR	$ 273.15	$ 33.20	$ 306.35	$ 14.75	$ 1.10	$ 15.85
APR	$ 222.00	$ 28.70	$ 250.70	$ 7.10	$ 1.05	$ 8.15
MAY	$ 199.50	$ 22.20	$ 221.70	$ 11.55	$ 4.90	$ 16.45
JUN	$ 216.90	$ 46.90	$ 263.80	$ 21.00	$ 2.10	$ 23.10
JUL	$ 175.25	$ 36.85	$ 212.10	$ 19.90	$ 1.45	$ 21.35
AUG	$ 198.80	$ 43.95	$ 242.75	$ 7.65	$ 8.00	$ 15.65
SEP	$ 290.10	$ 27.25	$ 317.35	$ 10.60	$ 4.15	$ 14.75
OCT	$ 192.10	$ 25.15	$ 217.25	$ 9.35	$ 2.90	$ 12.25
NOV	$ 156.95	$ 42.40	$ 199.35	$ 8.75	$ 6.20	$ 14.95
DEC (P)	$ 187.25	$ 35.75	$ 223.00	$ 7.90	$ 5.35	$ 13.25
12 MONTHS	$2,583.60	$406.80	$2,990.40	$ 139.80	$ 39.20	$ 179.00

P - Preliminary. Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$2,315.75	$ 392.15	$2,707.90	$1,805.55	$1,400.10	$ 174.45	$1,574.55
1989							
JAN	$ 145.40	$ 21.60	$ 167.00	$1,869.70	$ 89.50	$ 13.35	$ 102.85
FEB	$ 191.30	$ 23.65	$ 214.95	$1,933.40	$ 133.90	$ 17.35	$ 151.25
MAR	$ 200.20	$ 20.40	$ 220.60	$1,926.55	$ 207.25	$ 20.20	$ 227.45
APR	$ 138.50	$ 14.30	$ 152.80	$1,895.30	$ 168.35	$ 15.70	$ 184.05
MAY	$ 138.10	$ 9.80	$ 147.90	$1,884.80	$ 145.40	$ 13.00	$ 158.40
JUN	$ 123.05	$ 35.80	$ 158.85	$1,807.95	$ 199.95	$ 35.75	$ 235.70
JUL	$ 112.00	$ 21.20	$ 133.20	$1,765.55	$ 155.45	$ 20.15	$ 175.60
AUG	$ 120.70	$ 35.55	$ 156.25	$1,751.90	$ 147.20	$ 22.70	$ 169.90
SEP	$ 174.50	$ 17.95	$ 192.45	$1,715.85	$ 188.75	$ 39.75	$ 228.50
OCT	$ 135.70	$ 9.20	$ 144.90	$1,677.20	$ 161.95	$ 21.60	$ 183.55
NOV	$ 108.15	$ 20.75	$ 128.90	$1,577.50	$ 201.10	$ 27.50	$ 228.60
DEC (P)	$ 135.45	$ 23.35	$ 158.80	$1,423.05	$ 260.80	$ 52.45	$ 313.25
12 MONTHS	$1,723.05	$ 253.55	$1,976.60		$2,059.60	$ 299.50	$2,359.10

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$2,392.00	$ 403.30	$2,795.30	$ 76.25	$ 11.15	$ 87.40
1989						
JAN	$ 151.20	$ 22.55	$ 173.75	$ 5.80	$ .95	$ 6.75
FEB	$ 201.25	$ 24.05	$ 225.30	$ 9.95	$ .40	$ 10.35
MAR	$ 210.25	$ 21.35	$ 231.60	$ 10.05	$ .95	$ 11.00
APR	$ 144.05	$ 15.30	$ 159.35	$ 5.55	$ 1.00	$ 6.55
MAY	$ 149.30	$ 14.65	$ 163.95	$ 11.20	$ 4.85	$ 16.05
JUN	$ 142.05	$ 37.65	$ 179.70	$ 19.00	$ 1.85	$ 20.85
JUL	$ 131.25	$ 22.60	$ 153.85	$ 19.25	$ 1.40	$ 20.65
AUG	$ 124.60	$ 36.75	$ 161.35	$ 3.90	$ 1.20	$ 5.10
SEP	$ 184.40	$ 20.95	$ 205.35	$ 9.90	$ 3.00	$ 12.90
OCT	$ 144.00	$ 10.60	$ 154.60	$ 8.30	$ 1.40	$ 9.70
NOV	$ 114.35	$ 26.80	$ 141.15	$ 6.20	$ 6.05	$ 12.25
DEC (P)	$ 141.35	$ 28.45	$ 169.80	$ 5.90	$ 5.10	$ 11.00
12 MONTHS	$1,838.05	$ 281.70	$2,119.75	$ 115.00	$ 28.15	$ 143.15

P - Preliminary. Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$ 749.35	$ 133.60	$ 882.95	$385.70	$ 702.20	$ 122.35	$ 824.55
1989							
JAN	$ 56.60	$ 7.25	$ 63.85	$400.20	$ 42.20	$ 7.15	$ 49.35
FEB	$ 57.05	$ 9.95	$ 67.00	$389.65	$ 66.40	$ 11.15	$ 77.55
MAR	$ 58.20	$ 11.70	$ 69.90	$380.35	$ 67.00	$ 12.20	$ 79.20
APR	$ 76.40	$ 13.35	$ 89.75	$404.60	$ 58.80	$ 6.70	$ 65.50
MAY	$ 49.85	$ 7.50	$ 57.35	$379.60	$ 74.10	$ 8.25	$ 82.35
JUN	$ 72.85	$ 9.00	$ 81.85	$369.60	$ 70.10	$ 21.75	$ 91.85
JUL	$ 43.35	$ 14.20	$ 57.55	$365.05	$ 50.55	$ 11.55	$ 62.10
AUG	$ 70.45	$ .40	$ 70.85	$380.00	$ 49.75	$ 6.15	$ 55.90
SEP	$ 105.00	$ 5.15	$ 110.15	$436.65	$ 44.45	$ 9.05	$ 53.50
OCT	$ 47.05	$ 13.05	$ 60.10	$428.75	$ 58.80	$ 9.20	$ 68.00
NOV	$ 40.05	$ 15.45	$ 55.50	$399.15	$ 64.15	$ 20.95	$ 85.10
DEC (P)	$ 43.90	$ 7.05	$ 50.95	$378.90	$ 60.10	$ 11.10	$ 71.20
12 MONTHS	$ 720.75	$ 114.05	$ 834.80		$ 706.40	$ 135.20	$ 841.60

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$ 788.25	$ 138.45	$ 926.70	$ 38.90	$ 4.85	$ 43.75
1989						
JAN	$ 60.50	$ 7.50	$ 68.00	$ 3.90	$ .25	$ 4.15
FEB	$ 58.65	$ 10.35	$ 69.00	$ 1.60	$ .40	$ 2.00
MAR	$ 62.90	$ 11.85	$ 74.75	$ 4.70	$ .15	$ 4.85
APR	$ 77.95	$ 13.40	$ 91.35	$ 1.55	$ .05	$ 1.60
MAY	$ 50.20	$ 7.55	$ 57.75	$ .35	$ .05	$ .40
JUN	$ 74.85	$ 9.25	$ 84.10	$ 2.00	$ .25	$ 2.25
JUL	$ 44.00	$ 14.25	$ 58.25	$ .65	$ .05	$ .70
AUG	$ 74.20	$ 7.20	$ 81.40	$ 3.75	$ 6.80	$ 10.55
SEP	$ 105.70	$ 6.30	$ 112.00	$ .70	$ 1.15	$ 1.85
OCT	$ 48.10	$ 14.55	$ 62.65	$ 1.05	$ 1.50	$ 2.55
NOV	$ 42.60	$ 15.60	$ 58.20	$ 2.55	$ .15	$ 2.70
DEC (P)	$ 45.90	$ 7.30	$ 53.20	$ 2.00	$ .25	$ 2.25
12 MONTHS	$ 745.55	$ 125.10	$ 870.65	$ 24.80	$ 11.05	$ 35.85

P - Preliminary. Source: NMTBA - The Association For Manufacturing Technology

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

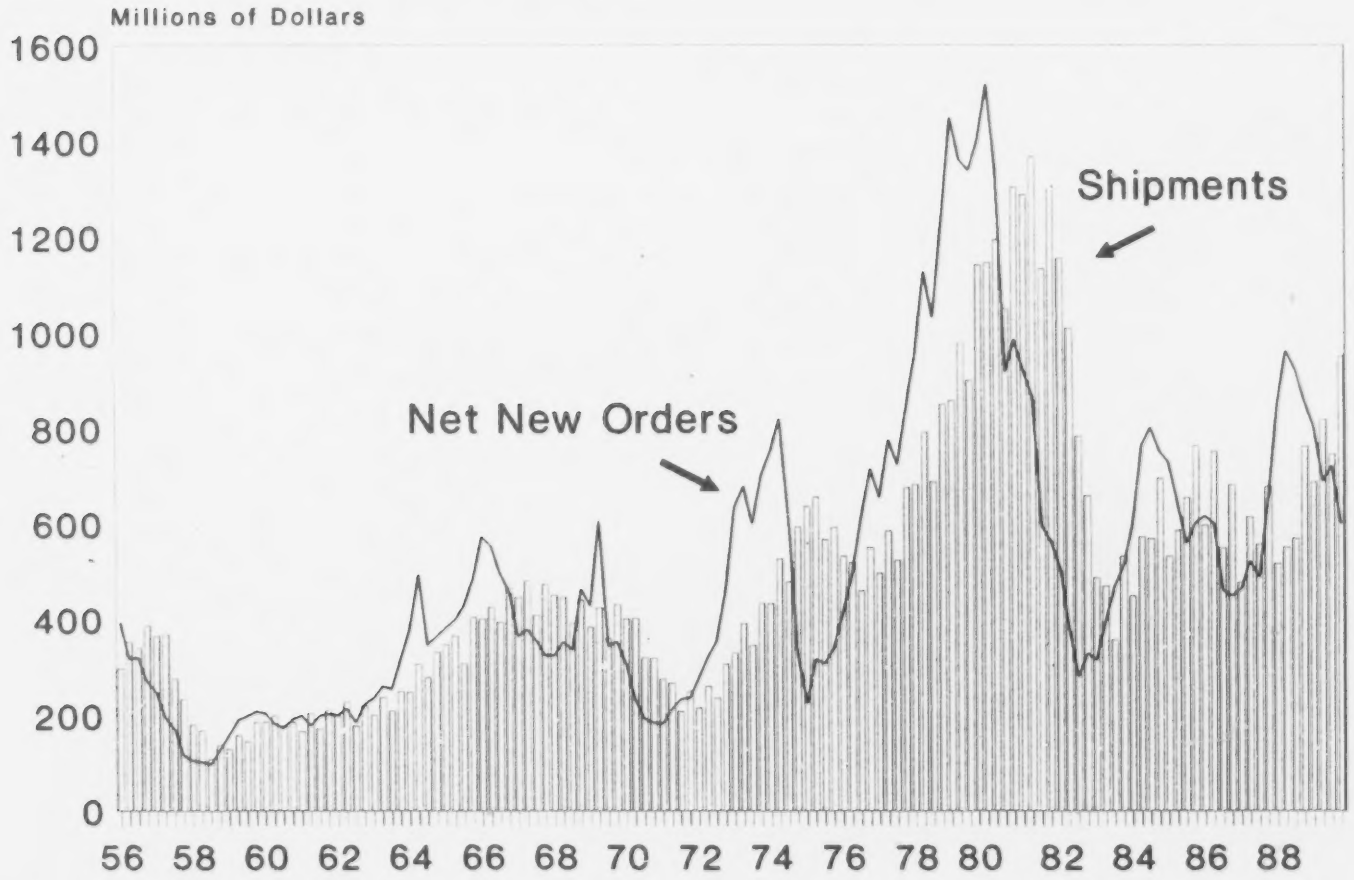
(Dollar Figures in Thousands)
1983 to Date

	Cutting and Forming			Cutting			Forming		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	572,300	50,700	764,400	401,800	28,250	499,200	170,500	22,450	265,200
3	568,850	41,850	800,200	401,550	24,300	493,000	167,300	17,550	307,200
4	695,200	60,150	750,750	505,050	45,000	510,850	190,150	15,150	239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 675,000
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,500	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	960,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4	762,250	96,050	857,700	526,050	59,600	650,150	236,200	36,450	207,550
Total	$2,399,100	$296,800	$3,590,850	$1,574,550	$174,450	$2,707,900	$ 824,550	$ 122,350	$ 882,950
1989-1	$ 687,650	$ 81,400	$ 803,300	$ 481,550	$ 50,900	$ 602,550	$ 206,100	$ 30,500	$ 200,750
2	817,850	101,150	688,500	578,150	64,450	459,550	239,700	36,700	228,950
3	745,500	109,350	720,450	574,000	82,600	481,900	171,500	26,750	238,550
4P	949,700	142,800	599,150	725,400	101,550	432,600	224,300	41,250	166,550
Total	$3,200,700	$434,700	$2,811,400	$2,359,100	$299,500	$1,976,600	$ 841,600	$ 135,200	$ 834,800

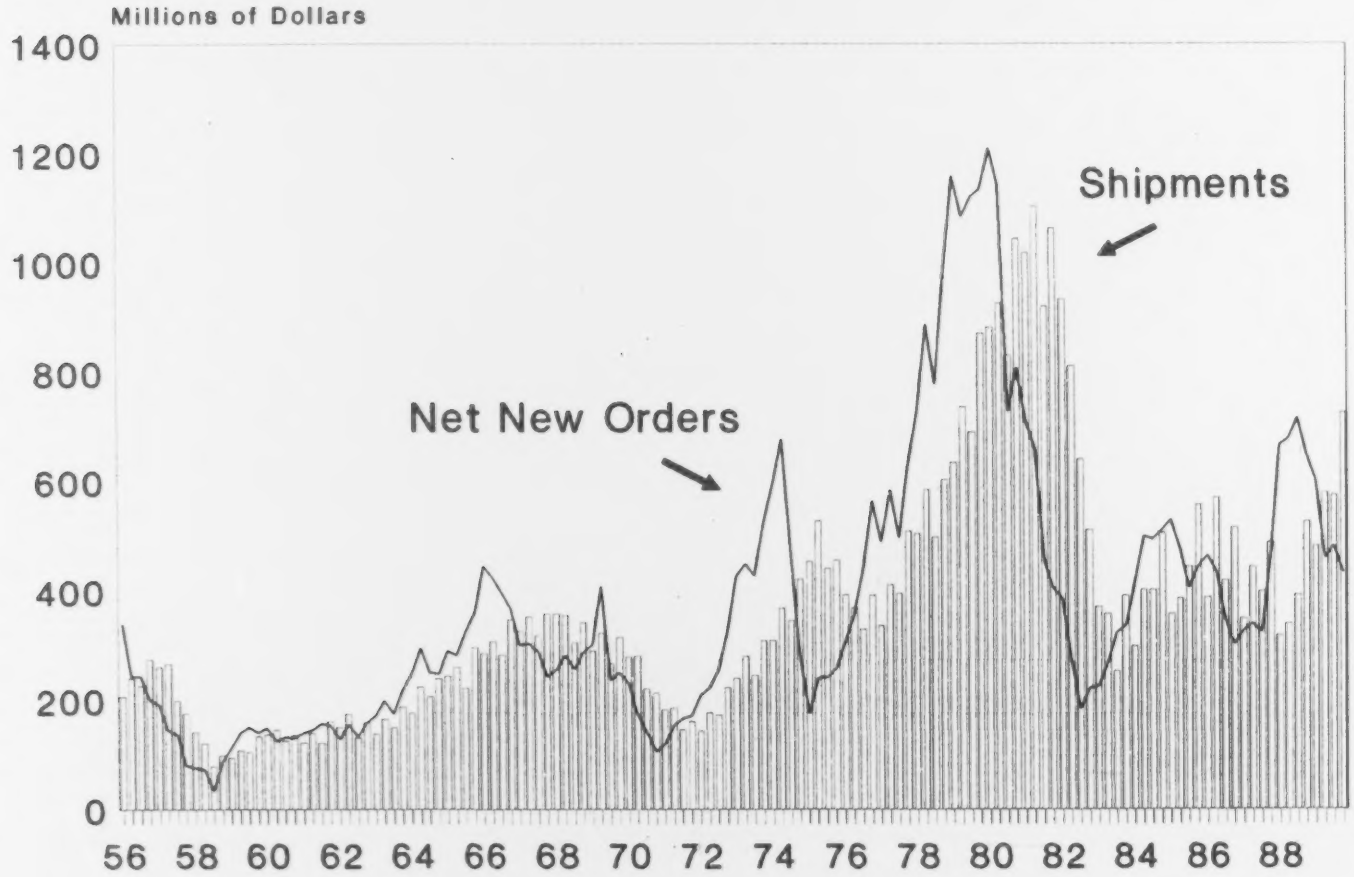
P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

January 29, 1990

Total Machine Tools
Shipments and Net New Orders, Quarterly



Metal Cutting Machine Tools
Shipments and Net New Orders, Quarterly



Metal Forming Machine Tools
Shipments and Net New Orders, Quarterly

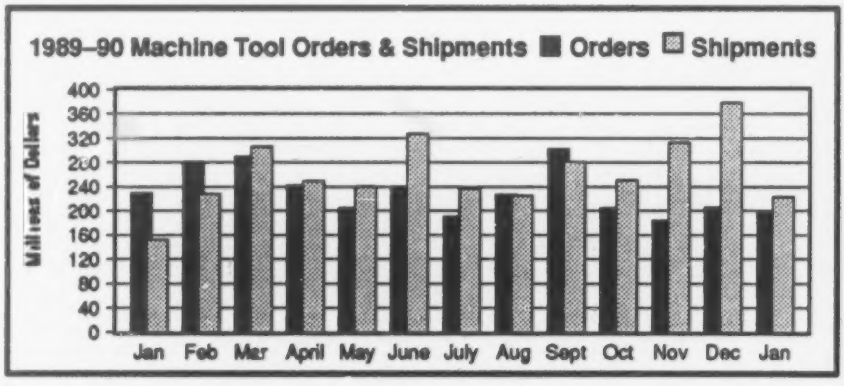
NEWS

NMTBA
The Association For
Manufacturing Technology

FOR RELEASE: February 26, 1990
Contact: Charles Pollock, Vice President, Communications, 703–827–5206
Glyn Finley, Statistical Director, 703–827–5255

Machine tool orders down slightly in January

January machine tool orders stood at $197.60 million, down 4.2% from December's $206.30 million, according to figures released today by NMTBA – The Association For Manufacturing Technology. Shipments, reflecting the usual year end surge, dropped 40.9% in January, going from $379.35 million to $224.10 million. Comparing January 1990 to January 1989, orders were down 14.4%, and shipments were up 47.2%.



The machine tool order backlog for January 1990 was $1,777.10 million, down from December's $1,803.60 million. The January 1989 backlog was $2,269.90 million.

"Machine tool activity in January was in line with that of recent months," according to Albert W. Moore, NMTBA President. "We are pleased to see some positive numbers on the export side — but, with Europe and Japan retooling and East Europe gearing up, U.S. manufacturers must move even more aggressively in these very competitive markets."

"At the same time," he continued, "while many economists are predicting a slowdown in the U.S. economy, there are several trends independent of the business cycle pointing to potential

(more)

7901 WESTPARK DRIVE, McLEAN, VIRGINIA 22102-4269 / PHONE (703) 893-2900 / TLX: 353819 / FAX (703)893-1151

demand for machine tools: high backlogs in the aerospace sector, the need to replace farm machinery, and the increasingly urgent need to rebuild much of our nation's aging infrastructure."

January metal cutting machine tool orders were down 11.1% to $140.90 million, while metal forming orders rose 18.7% to $56.70 million. Compared to January a year ago, metal cutting orders were off 15.6% and metal forming orders were off 11.2%.

At $162.25 million, January shipments of metal cutting equipment were down 48.1% for the month. Metal forming shipments stood at $61.85 million, down 7.1%. Compared to the same month in 1989, January 1990 metal cutting shipments were up 57.8% and metal forming shipments were up 25.3%.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JAN 1990	117.70	23.20	140.90	38.05	18.65	56.70	155.75	41.85	197.60
DEC 1989	135.20	23.35	158.55	42.20	5.55	47.75	177.40	28.90	206.30
% CHANGE JAN 1990:DEC 1989	-12.9	-0.6	-11.1	-9.8	+236.0	+18.7	-12.2	+44.8	-4.2
JAN 1989	145.40	21.60	167.00	56.60	7.25	63.85	202.00	28.85	230.85
% CHANGE JAN 1990:JAN 1989	-19.1	+7.4	-15.6	-32.8	+157.2	-11.2	-22.9	+45.1	-14.4
YEAR TO DATE 1990									
YEAR TO DATE 1989		N/A			N/A			N/A	
% CHANGE 1990 : 1989									

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JAN 1990	143.45	18.80	162.25	53.35	8.50	61.85	196.80	27.30	224.10
DEC 1989	260.40	52.35	312.75	57.85	8.75	66.60	318.25	61.10	379.35
% CHANGE JAN 1990:DEC 1989	-44.9	-64.1	-48.1	-7.8	-2.9	-7.1	-38.2	-55.3	-40.9
JAN 1989	89.50	13.35	102.85	42.20	7.15	49.35	131.70	20.50	152.20
% CHANGE JAN 1990:JAN 1989	+60.3	+40.8	+57.8	+26.4	+18.9	+25.3	+49.4	+33.2	+47.2
YEAR TO DATE 1990									
YEAR TO DATE 1989		N/A			N/A			N/A	
% CHANGE 1990 : 1989									

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$2,441.85	$ 366.10	$2,807.95	$1,803.60	$2,763.35	$ 432.25	$3,195.60
1990							
JAN (P)	$ 155.75	$ 41.85	$ 197.60	$1,777.10	$ 196.80	$ 27.30	$ 224.10

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$2,581.50	$ 405.20	$2,986.70	$ 139.65	$ 39.10	$ 178.75
1990						
JAN (P)	$ 158.90	$ 43.70	$ 202.60	$ 3.15	$ 1.85	$ 5.00

Source: NMTBA - The Association For Manufacturing Technology

BEST AVAILABLE COPY

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$1,722.80	$ 253.55	$1,976.35	$1,423.30	$2,059.20	$ 299.40	$2,358.60
1990 JAN (P)	$ 117.70	$ 23.20	$ 140.90	$1,401.95	$ 143.45	$ 18.80	$ 162.25

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$1,837.80	$ 281.65	$2,119.45	$ 115.00	$ 28.10	$ 143.10
1990 JAN (P)	$ 120.35	$ 24.80	$ 145.15	$ 2.65	$ 1.60	$ 4.25

Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$ 719.05	$ 112.55	$ 831.60	$ 380.30	$ 704.15	$ 132.85	$ 837.00
1990 JAN (P)	$ 38.05	$ 18.65	$ 56.70	$ 375.15	$ 53.35	$ 8.50	$ 61.85

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$ 743.70	$ 123.55	$ 867.25	$ 24.65	$ 11.00	$ 35.65
1990 JAN (P)	$ 38.55	$ 18.90	$ 57.45	$ .50	$ .25	$ .75

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1988	$3,065.10	$ 525.75	$3,590.85	$2,191.25	$2,102.30	$ 296.80	$2,399.10
1989							
JAN	$ 202.00	$ 28.85	$ 230.85	$2,269.90	$ 131.70	$ 20.50	$ 152.20
FEB	$ 248.35	$ 33.60	$ 281.95	$2,323.05	$ 200.30	$ 28.50	$ 228.80
MAR	$ 258.40	$ 32.10	$ 290.50	$2,306.90	$ 274.25	$ 32.40	$ 306.65
APR	$ 214.90	$ 27.65	$ 242.55	$2,299.90	$ 227.15	$ 22.40	$ 249.55
MAY	$ 187.95	$ 17.30	$ 205.25	$2,264.40	$ 219.50	$ 21.25	$ 240.75
JUN	$ 195.90	$ 44.80	$ 240.70	$2,177.55	$ 270.05	$ 57.50	$ 327.55
JUL	$ 155.35	$ 35.40	$ 190.75	$2,130.60	$ 206.00	$ 31.70	$ 237.70
AUG	$ 191.15	$ 35.95	$ 227.10	$2,131.90	$ 196.95	$ 28.85	$ 225.80
SEP	$ 279.50	$ 23.10	$ 302.60	$2,152.50	$ 233.20	$ 48.80	$ 282.00
OCT	$ 182.75	$ 22.25	$ 205.00	$2,105.95	$ 220.75	$ 30.80	$ 251.55
NOV	$ 148.20	$ 36.20	$ 184.40	$1,976.65	$ 265.25	$ 48.45	$ 313.70
DEC	$ 177.40	$ 28.90	$ 206.30	$1,803.60	$ 318.25	$ 61.10	$ 379.35
12 MONTHS	$2,441.85	$ 366.10	$2,807.95		$2,763.35	$ 432.25	$3,195.60

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1988	$3,180.25	$ 541.75	$3,722.00	$ 115.15	$ 16.00	$ 131.15
1989						
JAN	$ 211.70	$ 30.05	$ 241.75	$ 9.70	$ 1.20	$ 10.90
FEB	$ 259.90	$ 34.40	$ 294.30	$ 11.55	$ .80	$ 12.35
MAR	$ 273.15	$ 33.20	$ 306.35	$ 14.75	$ 1.10	$ 15.85
APR	$ 222.00	$ 28.70	$ 250.70	$ 7.10	$ 1.05	$ 8.15
MAY	$ 199.50	$ 22.20	$ 221.70	$ 11.55	$ 4.90	$ 16.45
JUN	$ 216.90	$ 46.90	$ 263.80	$ 21.00	$ 2.10	$ 23.10
JUL	$ 175.25	$ 36.85	$ 212.10	$ 19.90	$ 1.45	$ 21.35
AUG	$ 198.80	$ 43.95	$ 242.75	$ 7.65	$ 8.00	$ 15.65
SEP	$ 290.10	$ 27.25	$ 317.35	$ 10.60	$ 4.15	$ 14.75
OCT	$ 192.10	$ 25.15	$ 217.25	$ 9.35	$ 2.90	$ 12.25
NOV	$ 156.95	$ 42.40	$ 199.35	$ 8.75	$ 6.20	$ 14.95
DEC	$ 185.15	$ 34.15	$ 219.30	$ 7.75	$ 5.25	$ 13.00
12 MONTHS	$2,581.50	$ 405.20	$2,986.70	$ 139.65	$ 39.10	$ 178.75

Source: NMTBA - The Association For Manufacturing Technology

BEST AVAILABLE COPY

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS		
DATE	Domestic	Foreign	Total	Backlog	Domestic	Foreign	Total
1988	$2,315.75	$ 392.15	$2,707.90	$1,805.55	$1,400.10	$ 174.45	$1,574.55
1989							
JAN	$ 145.40	$ 21.60	$ 167.00	$1,869.70	$ 89.50	$ 13.35	$ 102.85
FEB	$ 191.30	$ 23.65	$ 214.95	$1,933.40	$ 133.90	$ 17.35	$ 151.25
MAR	$ 200.20	$ 20.40	$ 220.60	$1,926.55	$ 207.25	$ 20.20	$ 227.45
APR	$ 138.50	$ 14.30	$ 152.80	$1,895.30	$ 168.35	$ 15.70	$ 184.05
MAY	$ 138.10	$ 9.80	$ 147.90	$1,884.80	$ 145.40	$ 13.00	$ 158.40
JUN	$ 123.05	$ 35.80	$ 158.85	$1,807.95	$ 199.95	$ 35.75	$ 235.70
JUL	$ 112.00	$ 21.20	$ 133.20	$1,765.55	$ 155.45	$ 20.15	$ 175.60
AUG	$ 120.70	$ 35.55	$ 156.25	$1,751.90	$ 147.20	$ 22.70	$ 169.90
SEP	$ 174.50	$ 17.95	$ 192.45	$1,715.85	$ 188.75	$ 39.75	$ 228.50
OCT	$ 135.70	$ 9.20	$ 144.90	$1,677.20	$ 161.95	$ 21.60	$ 183.55
NOV	$ 108.15	$ 20.75	$ 128.90	$1,577.50	$ 201.10	$ 27.50	$ 228.60
DEC	$ 135.20	$ 23.35	$ 158.55	$1,423.30	$ 260.40	$ 52.35	$ 312.75
12 MONTHS	$1,722.80	$ 253.55	$1,976.35		$2,059.20	$299.40	$2,358.60

	GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Foreign	Total	Domestic	Foreign	Total
1988	$2,392.00	$ 403.30	$2,795.30	$ 76.25	$ 11.15	$ 87.40
1989						
JAN	$ 151.20	$ 22.55	$ 173.75	$ 5.80	$ .95	$ 6.75
FEB	$ 201.25	$ 24.05	$ 225.30	$ 9.95	$ .40	$ 10.35
MAR	$ 210.25	$ 21.35	$ 231.60	$ 10.05	$ .95	$ 11.00
APR	$ 144.05	$ 15.30	$ 159.35	$ 5.55	$ 1.00	$ 6.55
MAY	$ 149.30	$ 14.65	$ 163.95	$ 11.20	$ 4.85	$ 16.05
JUN	$ 142.05	$ 37.65	$ 179.70	$ 19.00	$ 1.85	$ 20.85
JUL	$ 131.25	$ 22.60	$ 153.85	$ 19.25	$ 1.40	$ 20.65
AUG	$ 124.60	$ 36.75	$ 161.35	$ 3.90	$ 1.20	$ 5.10
SEP	$ 184.40	$ 20.95	$ 205.35	$ 9.90	$ 3.00	$ 12.90
OCT	$ 144.00	$ 10.60	$ 154.60	$ 8.30	$ 1.40	$ 9.70
NOV	$ 114.35	$ 26.80	$ 141.15	$ 6.20	$ 6.05	$ 12.25
DEC	$ 141.10	$ 28.40	$ 169.50	$ 5.90	$ 5.05	$ 10.95
12 MONTHS	$1,837.80	$ 281.65	$2,119.45	$ 115.00	$ 28.10	$ 143.10

Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS		
DATE	Domestic	Foreign	Total	Backlog	Domestic	Foreign	Total
1988	$ 749.35	$ 133.60	$ 882.95	$ 385.70	$ 702.20	$ 122.35	$ 824.55
1989							
JAN	$ 56.60	$ 7.25	$ 63.85	$ 400.20	$ 42.20	$ 7.15	$ 49.35
FEB	$ 57.05	$ 9.95	$ 67.00	$ 389.65	$ 66.40	$ 11.15	$ 77.55
MAR	$ 58.20	$ 11.70	$ 69.90	$ 380.35	$ 67.00	$ 12.20	$ 79.20
APR	$ 76.40	$ 13.35	$ 89.75	$ 404.60	$ 58.80	$ 6.70	$ 65.50
MAY	$ 49.85	$ 7.50	$ 57.35	$ 379.60	$ 74.10	$ 8.25	$ 82.35
JUN	$ 72.85	$ 9.00	$ 81.85	$ 369.60	$ 70.10	$ 21.75	$ 91.85
JUL	$ 43.35	$ 14.20	$ 57.55	$ 365.05	$ 50.55	$ 11.55	$ 62.10
AUG	$ 70.45	$ .40	$ 70.85	$ 380.00	$ 49.75	$ 6.15	$ 55.90
SEP	$ 105.00	$ 5.15	$ 110.15	$ 436.65	$ 44.45	$ 9.05	$ 53.50
OCT	$ 47.05	$ 13.05	$ 60.10	$ 428.75	$ 58.80	$ 9.20	$ 68.00
NOV	$ 40.05	$ 15.45	$ 55.50	$ 399.15	$ 64.15	$ 20.95	$ 85.10
DEC	$ 42.20	$ 5.55	$ 47.75	$ 380.30	$ 57.85	$ 8.75	$ 66.60
12 MONTHS	$ 719.05	$ 112.55	$ 831.60		$ 704.15	$ 132.85	$ 837.00

	GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Foreign	Total	Domestic	Foreign	Total
1988	$ 788.25	$ 138.45	$ 926.70	$ 38.90	$ 4.85	$ 43.75
1989						
JAN	$ 60.50	$ 7.50	$ 68.00	$ 3.90	$ .25	$ 4.15
FEB	$ 58.65	$ 10.35	$ 69.00	$ 1.60	$ .40	$ 2.00
MAR	$ 62.90	$ 11.85	$ 74.75	$ 4.70	$ .15	$ 4.85
APR	$ 77.95	$ 13.40	$ 91.35	$ 1.55	$ .05	$ 1.60
MAY	$ 50.20	$ 7.55	$ 57.75	$ .35	$ .05	$ .40
JUN	$ 74.85	$ 9.25	$ 84.10	$ 2.00	$ .25	$ 2.25
JUL	$ 44.00	$ 14.25	$ 58.25	$ .65	$ .05	$ .70
AUG	$ 74.20	$ 7.20	$ 81.40	$ 3.75	$ 6.80	$ 10.55
SEP	$ 105.70	$ 6.30	$ 112.00	$ .70	$ 1.15	$ 1.85
OCT	$ 48.10	$ 14.55	$ 62.65	$ 1.05	$ 1.50	$ 2.55
NOV	$ 42.60	$ 15.60	$ 58.20	$ 2.55	$ .15	$ 2.70
DEC	$ 44.05	$ 5.75	$ 49.80	$ 1.85	$ .20	$ 2.05
12 MONTHS	$ 743.70	$ 123.55	$ 867.25	$ 24.65	$ 11.00	$ 35.65

Source: NMTBA - The Association For Manufacturing Technology

XEROX TELECOPIER 295 : 6-19-90;11:44 AM; JUN 19 '90 11:39 CCITT G3 + 3016544033 ; # 2 P.2

A8620-1

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
FEB 1990	100.45	15.85	116.30	56.70	21.55	78.25	157.15	37.40	194.55
JAN 1990	117.70	23.45	141.15	41.50	18.65	60.15	159.20	42.10	201.30
% CHANGE									
FEB 1990:JAN 1990	-14.7	-32.4	-17.6	+36.6	+15.5	+30.1	-1.3	-11.2	-3.4
FEB 1989	191.30	23.65	214.95	57.05	9.95	67.00	248.35	33.60	281.95
% CHANGE									
FEB 1990:FEB 1989	-47.5	-33.0	-45.9	-0.6	+116.6	+16.8	-36.7	+11.3	-31.0
YEAR TO DATE 1990	218.15	39.30	257.45	98.20	40.20	138.40	316.35	79.50	395.85
YEAR TO DATE 1989	336.70	45.25	381.95	113.65	17.20	130.85	450.35	62.45	512.80
% CHANGE									
1990 : 1989	-35.2	-13.1	-32.6	-13.6	+133.7	+5.8	-29.8	+27.3	-22.8

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
FEB 1990	143.60	25.90	169.50	89.70	8.80	98.50	233.30	34.70	268.00
JAN 1990	143.40	18.80	162.20	55.65	8.50	64.15	199.05	27.30	226.35
% CHANGE									
FEB 1990:JAN 1990	+0.1	+37.8	+4.5	+61.2	+ +3.5	+53.5	+17.2	+27.1	+18.4
FEB 1989	133.90	17.35	151.25	66.40	11.15	77.55	200.30	28.50	228.80
% CHANGE									
FEB 1990:FEB 1989	+7.2	+49.3	+12.1	+35.1	-21.1	+27.0	+16.5	+21.8	+17.1
YEAR TO DATE 1990	287.00	44.70	331.70	145.35	17.30	162.65	432.35	62.00	494.35
YEAR TO DATE 1989	223.40	30.70	254.10	108.60	18.30	126.90	332.00	49.00	381.00
% CHANGE									
1990 : 1989	+28.5	+45.6	+30.5	+33.8	-5.5	+28.2	+30.2	+26.5	+29.8

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$2,441.85	$ 366.10	$2,807.95	$1,803.58	$2,763.35	$ 432.25	$3,195.60
1990							
JAN	$ 159.20	$ 42.10	$ 201.30	$1,778.53	$ 199.05	$ 27.30	$ 226.35
FEB (P)	$ 157.15	$ 37.40	$ 194.55	$1,705.08	$ 233.30	$ 34.70	$ 268.00
2 MONTHS	$ 316.35	$ 79.50	$ 395.85		$ 432.35	$ 62.00	$ 494.35

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$2,581.50	$ 405.20	$2,986.70	$ 139.65	$ 39.10	$ 178.75
1990						
JAN	$ 162.30	$ 44.05	$ 206.35	$ 3.10	$ 1.95	$ 5.05
FEB (P)	$ 162.30	$ 38.30	$ 200.60	$ 5.15	$ .90	$ 6.05
2 MONTHS	$ 324.60	$ 82.35	$ 406.95	$ 8.25	$ 2.85	$ 11.10

Source: NMTBA - The Association For Manufacturing Technology

XEROX TELECOPIER 295 ; 6-19-90;11:44 AM; CCITT G3 → 3016544033 ; # 3
JUN 19 '90 11:40 P.3

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$1,722.80	$ 253.55	$1,976.35	$1,423.29	$2,059.20	$ 299.40	$2,358.60
1990							
JAN	$ 117.70	$ 23.45	$ 141.15	$1,402.24	$ 143.40	$ 18.80	$ 162.20
FEB (P)	$ 100.45	$ 15.85	$ 116.30	$1,349.04	$ 143.60	$ 25.90	$ 169.50
2 MONTHS	$ 218.15	$ 39.30	$ 257.45		$ 287.00	$ 44.70	$ 331.70

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$1,837.80	$ 281.65	$2,119.45	$ 115.00	$ 28.10	$ 143.10
1990						
JAN	$ 120.35	$ 25.15	$ 145.50	$ 2.65	$ 1.70	$ 4.35
FEB (P)	$ 102.20	$ 16.70	$ 118.90	$ 1.75	$ .85	$ 2.60
2 MONTHS	$ 222.55	$ 41.85	$ 264.40	$ 4.40	$ 2.55	$ 6.95

Source: NMTBA - The Association For Manufacturing Technology

XEROX TELECOPIER 295 ; 6-19-90;11:45 AM; JUN 19 '90 11:40 CCITT G3 # 3016544033 ; # 4

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$ 719.05	$ 112.55	$ 831.60	$ 380.29	$ 704.15	$ 132.85	$ 837.00
1990							
JAN	$ 41.50	$ 18.65	$ 60.15	$ 376.29	$ 55.65	$ 8.50	$ 64.15
FEB (P)	$ 56.70	$ 21.55	$ 78.25	$ 356.04	$ 89.70	$ 8.80	$ 98.50
2 MONTHS	$ 98.20	$ 40.20	$ 138.40		$ 145.35	$ 17.30	$ 162.65

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$ 743.70	$ 123.55	$ 867.25	$ 24.65	$ 11.00	$ 35.65
1990						
JAN	$ 41.95	$ 18.90	$ 60.85	$ .45	$ .25	$ .70
FEB (P)	$ 60.10	$ 21.60	$ 81.70	$ 3.40	$ .05	$ 3.45
2 MONTHS	$ 102.05	$ 40.50	$ 142.55	$ 3.85	$ .30	$ 4.15

Source: NMTBA - The Association For Manufacturing Technology

XEROX TELECOPIER 295 : 6-19-90;11:45 AM; 3016544033 ; # 5
JUN 19 '90 11:41 CCITT G3 → P.5

AB620-1

NEWS

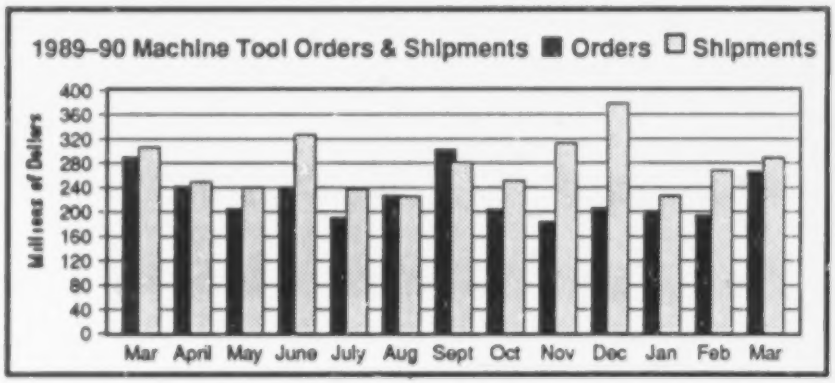
NMTBA
The Association For
Manufacturing Technology

FOR RELEASE: April 30, 1990

Contact: Charles Pollock, Vice President, Communications, 703–827–5206
Glyn Finley, Statistical Director, 703–827–5255

Machine tool orders up in March

March machine tool orders rose to $265.85 million, up 36.6% compared to February's $194.55 million, according to figures released today by NMTBA – The Association For Manufacturing Technology. Year–to–date machine tool orders stand at $661.70 million, down 17.6% from the 1989 figure of $803.30 million. Comparing March 1990 to March 1989, machine tool orders are down 8.5%.



Machine tool shipments in March reached $288.90 million, up 7.8% from February's $268.00 million. At $783.25 million, year–to–date shipments are 13.9% above last year's $687.65 million for the same period. Compared to March a year ago, March 1990 shipments are down 5.8%.

The machine tool order backlog for March 1990 was $1,682.03 million, down from February's $1,705.08 million. The March 1989 backlog was $2,306.90 million.

NMTBA president Albert W. Moore said, "The industry has benefited from a steady growth in shipments over the past 18 months, driven by the big order surge in 1988. And we are happy to report an increase in orders for March."

(more)

"But," he continued, "we are concerned about our domestic manufacturing base. America's apparent reluctance to invest in the face of strong global competition contrasts with foreign manufacturers — who are investing, and investing heavily, in modern, productivity–improving machines. Foreign manufacturers invest while we in America sit on our wallets — steadily losing competitiveness."

At $198.20 million, March metal cutting orders were 70.4% above February's $116.30 million. Orders for metal forming equipment went from $78.25 million to $67.65 million, a 13.5% drop. Year–to–date metal cutting orders show a decline of 24.4%, falling to $455.65 million, while metal forming in the same period rose 2.6% to $206.05 million. Comparing orders for March 1990 to March 1989, metal cutting is down 10.2% and metal forming is down 3.2%.

Metal cutting shipments in March reached $214.15 million, up 26.3% from February's $169.50 million. Metal forming shipments for the month fell from $98.50 million to $74.75 million, down 24.1%. Year–to–date metal cutting shipments are up 13.4% to $545.85 million, while metal forming shipments are up 15.2% to $237.40 million. Comparing March 1990 to March a year ago, metal cutting shipments are down 5.8% and metal forming shipments are down 5.6%.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
MAR 1990	132.60	65.60	198.20	56.95	10.70	67.65	189.55	76.30	265.85
FEB 1990	100.45	15.85	116.30	56.70	21.55	78.25	157.15	37.40	194.55
% CHANGE									
MAR 1990:FEB 1990	+32.0	+313.9	+70.4	+0.4	-50.3	-13.5	+20.6	+104.0	+36.6
MAR 1989	200.20	20.40	220.60	58.20	11.70	69.90	258.40	32.10	290.50
% CHANGE									
MAR 1990:MAR 1989	-33.8	+221.6	-10.2	-2.1	-8.5	-3.2	-26.6	+137.7	-8.5
YEAR TO DATE 1990	350.75	104.90	455.65	155.15	50.90	206.05	505.90	155.80	661.70
YEAR TO DATE 1989	536.90	65.65	602.55	171.85	28.90	200.75	708.75	94.55	803.30
% CHANGE									
1990 : 1989	-34.7	+59.8	-24.4	-9.7	+76.1	+2.6	-28.6	+64.8	-17.6

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
MAR 1990	179.80	34.35	214.15	66.45	8.30	74.75	246.25	42.65	288.90
FEB 1990	143.60	25.90	169.50	89.70	8.80	98.50	233.30	34.70	268.00
% CHANGE									
MAR 1990:FEB 1990	+25.2	+32.6	+26.3	-25.9	-5.7	-24.1	+5.6	+22.9	+7.8
MAR 1989	207.25	20.20	227.45	67.00	12.20	79.20	274.25	32.40	306.65
% CHANGE									
MAR 1990:MAR 1989	-13.2	+70.0	-5.8	-0.8	-32.0	-5.6	-10.2	+31.6	-5.8
YEAR TO DATE 1990	466.80	79.05	545.85	211.80	25.60	237.40	678.60	104.65	783.25
YEAR TO DATE 1989	430.65	50.90	481.55	175.60	30.50	206.10	606.25	81.40	687.65
% CHANGE									
1990 : 1989	+8.4	+55.3	+13.4	+20.6	-16.1	+15.2	+11.9	+28.6	+13.9

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$2,441.85	$ 366.10	$2,807.95	$1,803.58	$2,763.35	$ 432.25	$3,195.60
1990							
JAN	$ 159.20	$ 42.10	$ 201.30	$1,778.53	$ 199.05	$ 27.30	$ 226.35
FEB	$ 157.15	$ 37.40	$ 194.55	$1,705.08	$ 233.30	$ 34.70	$ 268.00
MAR (P)	$ 189.55	$ 76.30	$ 265.85	$1,682.03	$ 246.25	$ 42.65	$ 288.90
3 MONTHS	$ 505.90	$ 155.80	$ 661.70		$ 678.60	$ 104.65	$ 783.25

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$2,581.50	$ 405.20	$2,986.70	$ 139.65	$ 39.10	$ 178.75
1990						
JAN	$ 162.30	$ 44.05	$ 206.35	$ 3.10	$ 1.95	$ 5.05
FEB	$ 162.30	$ 38.30	$ 200.60	$ 5.15	$ .90	$ 6.05
MAR (P)	$ 204.10	$ 79.95	$ 284.05	$ 14.55	$ 3.65	$ 18.20
3 MONTHS	$ 528.70	$ 162.30	$ 691.00	$ 22.80	$ 6.50	$ 29.30

Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$1,722.80	$ 253.55	$1,976.35	$1,423.29	$2,059.20	$ 299.40	$2,358.60
1990							
JAN	$ 117.70	$ 23.45	$ 141.15	$1,402.24	$ 143.40	$ 18.80	$ 162.20
FEB	$ 100.45	$ 15.85	$ 116.30	$1,349.04	$ 143.60	$ 25.90	$ 169.50
MAR (P)	$ 132.60	$ 65.60	$ 198.20	$1,333.09	$ 179.80	$ 34.35	$ 214.15
3 MONTHS	$ 350.75	$ 104.90	$ 455.65		$ 466.80	$ 79.05	$ 545.85

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$1,837.80	$ 281.65	$2,119.45	$ 115.00	$ 28.10	$ 143.10
1990						
JAN	$ 120.35	$ 25.15	$ 145.50	$ 2.65	$ 1.70	$ 4.35
FEB	$ 102.20	$ 16.70	$ 118.90	$ 1.75	$ .85	$ 2.60
MAR (P)	$ 146.80	$ 69.20	$ 216.00	$ 14.20	$ 3.60	$ 17.80
3 MONTHS	$ 369.35	$ 111.05	$ 480.40	$ 18.60	$ 6.15	$ 24.75

Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$ 719.05	$ 112.55	$ 831.60	$ 380.29	$ 704.15	$ 132.85	$ 837.00
1990							
JAN	$ 41.50	$ 18.65	$ 60.15	$ 376.29	$ 55.65	$ 8.50	$ 64.15
FEB	$ 56.70	$ 21.55	$ 78.25	$ 356.04	$ 89.70	$ 8.80	$ 98.50
MAR (P)	$ 56.95	$ 10.70	$ 67.65	$ 348.94	$ 66.45	$ 8.30	$ 74.75
3 MONTHS	$ 155.15	$ 50.90	$ 206.05		$ 211.80	$ 25.60	$ 237.40

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$ 743.70	$ 123.55	$ 867.25	$ 24.65	$ 11.00	$ 35.65
1990						
JAN	$ 41.95	$ 18.90	$ 60.85	$ .45	$ .25	$ .70
FEB	$ 60.10	$ 21.60	$ 81.70	$ 3.40	$ .05	$ 3.45
MAR (P)	$ 57.30	$ 10.75	$ 68.05	$ .35	$ .05	$ .40
3 MONTHS	$ 159.35	$ 51.25	$ 210.60	$ 4.20	$ .35	$ 4.55

Source: NMTBA - The Association For Manufacturing Technology

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

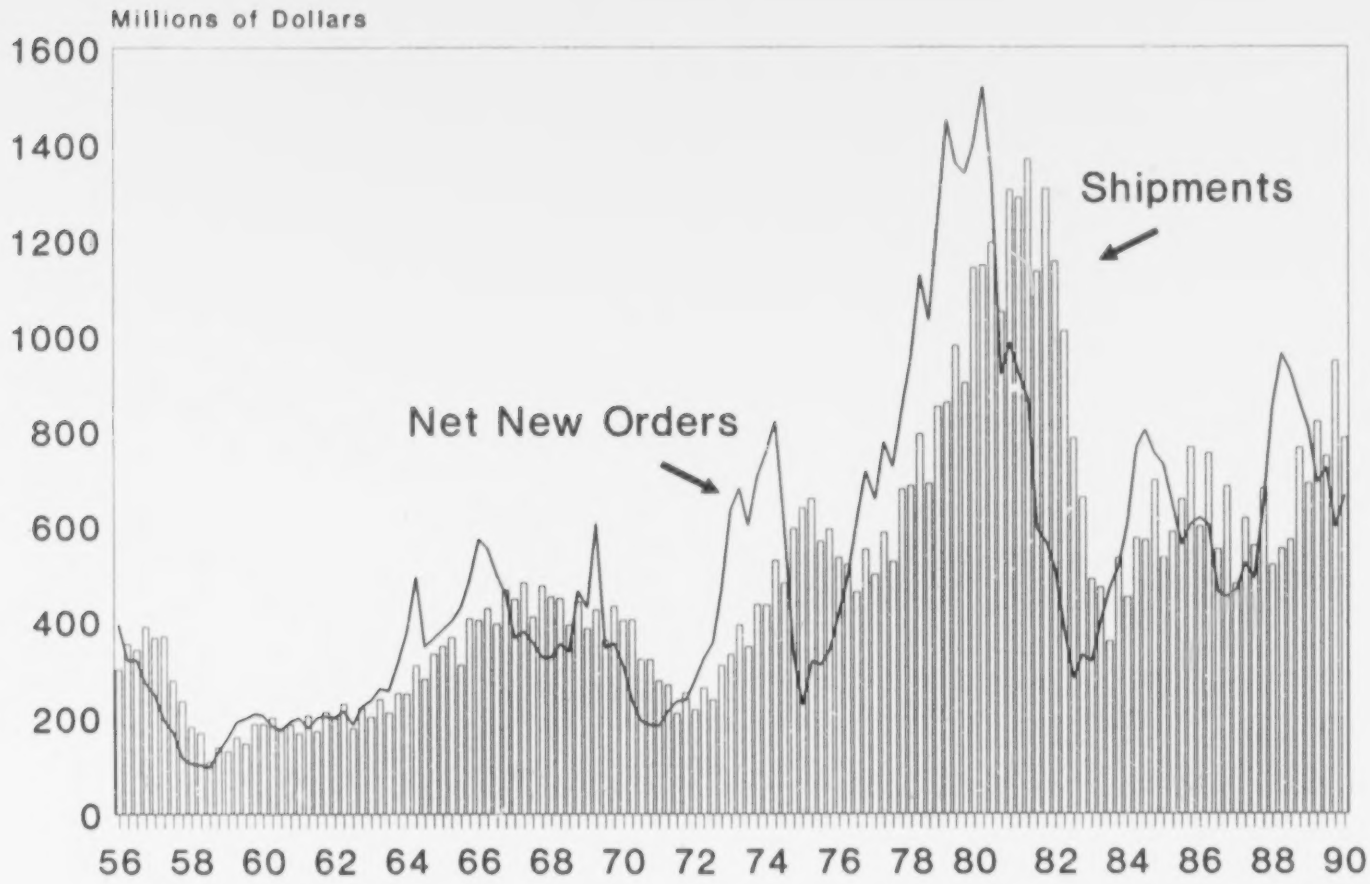
(Dollar Figures in Thousands)
1984 to Date

DATE	Cutting and Forming SHIPMENTS Total	Cutting and Forming SHIPMENTS Foreign	Cutting and Forming NET NEW ORDERS	Cutting SHIPMENTS Total	Cutting SHIPMENTS Foreign	Cutting NET NEW ORDERS	Forming SHIPMENTS Total	Forming SHIPMENTS Foreign	Forming NET NEW ORDERS
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	572,300	50,700	764,400	401,800	28,250	499,200	170,500	22,450	265,200
3	568,850	41,850	800,200	401,550	24,300	493,000	167,300	17,550	307,200
4	695,200	60,150	750,750	505,050	45,000	510,850	190,150	15,150	239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 675,000
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,550	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	960,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4	762,250	96,050	857,700	526,050	59,600	650,150	236,200	36,450	207,550
Total	$2,399,100	$296,800	$3,590,850	$1,574,550	$174,450	$2,707,900	$ 824,550	$ 122,350	$ 882,950
1989-1	$ 687,650	$ 81,400	$ 803,300	$ 481,550	$ 50,900	$ 602,550	$ 206,100	$ 30,500	$ 200,750
2	817,850	101,150	688,500	578,150	64,450	459,550	239,700	36,700	228,950
3	745,500	109,350	720,450	574,000	82,600	481,900	171,500	26,750	238,550
4	944,600	140,350	595,700	724,900	101,450	432,350	219,700	38,900	163,350
Total	$3,195,600	$432,250	$2,807,950	$2,358,600	$299,400	$1,976,350	$ 837,000	$ 132,850	$ 831,600
1990-1P	$ 783,250	$104,650	$ 661,700	$ 545,850	$ 79,050	$ 455,650	$ 237,400	$ 25,600	$ 206,050

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

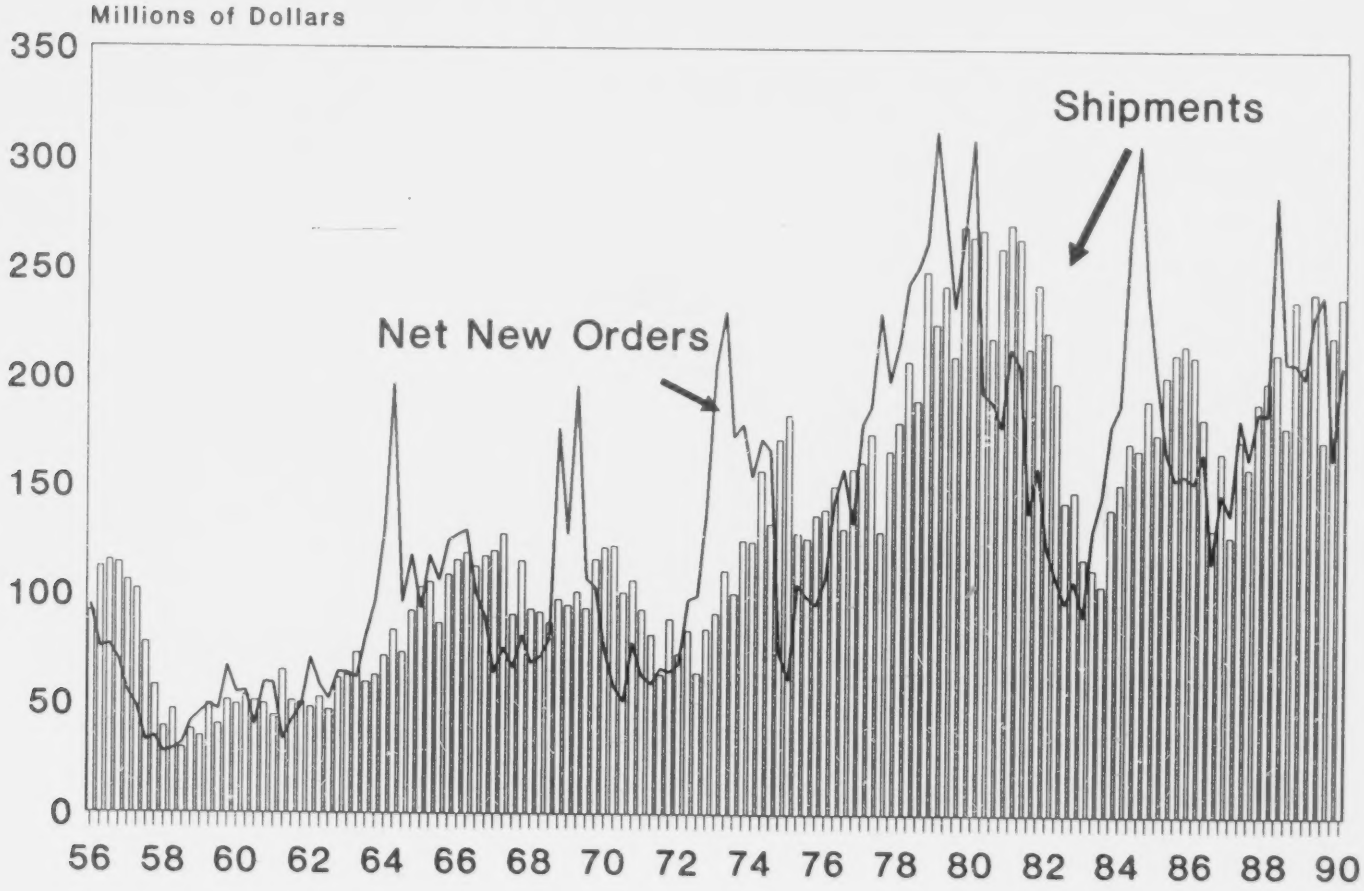
April 30, 1990

Total Machine Tools
Shipments and Net New Orders, Quarterly



Metal Cutting Machine Tools
Shipments and Net New Orders, Quarterly

Metal Forming Machine Tools
Shipments and Net New Orders, Quarterly



A3620-1

NEWS

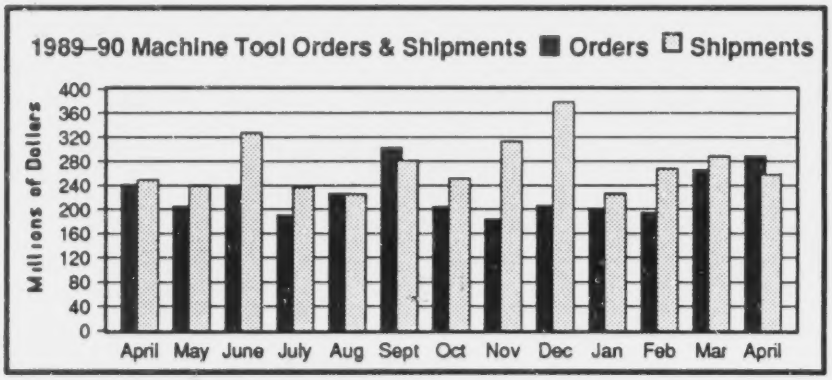
NMTBA
The Association For
Manufacturing Technology

FOR RELEASE: May 28, 1990

Contact: Charles Pollock, Vice President, Communications, 703–827–5206
Glyn Finley, Statistical Director, 703–827–5255

Machine tool orders continue to rise

April machine tool orders reached $289.45 million, 8.9% above the March total of $265.85 million, according to figures released today by NMTBA – The Association For Manufacturing Technology. Year–to–date machine tool orders stand at $951.15 million, down 9.1% compared to 1989's $1,045.85 million. April 1990 machine tool orders were 19.3% higher than the total for April 1989.



Machine tool shipments in April totaled $258.20 million, down 10.6% from the $288.90 million posted in March. Year–to–date shipments reached $1,041.45 million, 11.1% higher than the 1989 figure of $937.20 million. Compared to April a year ago, April 1990 shipments are up 3.5%.

The machine tool order backlog for April 1990 was $1,713.28 million, up from $1,682.03 million in March. The April 1989 backlog was $2,299.90 million.

NMTBA president Albert W. Moore said, "For the second consecutive month, we see domestic machine tool orders up, a positive sign for U.S. manufacturing. Most analysts had predicted the U.S. economy would be slow until the latter half of 1990, but recession fears have

(more)

subsided. The latest U.S. government report on capital spending plans has been revised upward for several industries. The writing is on the wall, to stay competitive U.S. manufacturers must invest in the most modern equipment that they can afford."

April orders for metal cutting machine tools totaled $206.85 million, up 4.4% from March's total of $198.20 million. Orders for metal forming equipment rose 22.1%, going from $67.65 million in March to $82.60 million in April. Year–to–date metal cutting orders of $662.50 million are down 12.3% compared to 1989's $755.35 million. Year–to–date metal forming figures are almost level with 1989, standing at $288.65 million, a scant 0.6% below the 1989 figure of $290.50 million. Comparing orders for April 1990 to April 1989, metal cutting is up 35.4%, while metal forming is down 8.0%.

Metal cutting shipments in April were $169.05 million, down 21.1% from the March figure of $214.15 million. Metal forming shipments in April rose to $89.15 million, 19.3% above the $74.75 million tallied in the previous month. Year–to–date metal cutting shipments stand at $714.90 million, 7.4% above 1989's $665.60 million. Year–to–date metal forming shipments reached $326.55 million, 20.2% above the 1989 figure of $271.60 million. Comparing this April with April a year ago, metal cutting shipments are down 8.1% while metal forming shipments are up 36.1%.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
APR 1990	187.65	19.20	206.85	77.25	5.35	82.60	264.90	24.55	289.45
MAR 1990	132.60	65.60	198.20	56.95	10.70	67.65	189.55	76.30	265.85
% CHANGE									
APR 1990:MAR 1990	+41.5	-70.7	+4.4	+35.6	-50.0	+22.1	+39.8	-67.8	+8.9
APR 1989	138.50	14.30	152.80	76.40	13.35	89.75	214.90	27.65	242.55
% CHANGE									
APR 1990:APR 1989	+35.5	+34.3	+35.4	+1.1	-59.9	-8.0	+23.3	-11.2	+19.3
YEAR TO DATE 1990	538.40	124.10	662.50	232.40	56.25	288.65	770.80	180.35	951.15
YEAR TO DATE 1989	675.40	79.95	755.35	248.25	42.25	290.50	923.65	122.20	1,045.85
% CHANGE									
1990 : 1989	-20.3	+55.2	-12.3	-6.4	+33.1	-0.6	-16.5	+47.6	-9.1

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
APR 1990	141.75	27.30	169.05	76.70	12.45	89.15	218.45	39.75	258.20
MAR 1990	179.80	34.35	214.15	66.45	8.30	74.75	246.25	42.65	288.90
% CHANGE									
APR 1990:MAR 1990	-21.2	-20.5	-21.1	+15.4	+50.0	+19.3	-11.3	-6.8	-10.6
APR 1989	168.35	15.70	184.05	58.80	6.70	65.50	227.15	22.40	249.55
% CHANGE									
APR 1990:APR 1989	-15.8	+73.9	-8.1	+30.4	+85.8	+36.1	-3.8	+77.5	+3.5
YEAR TO DATE 1990	608.55	106.35	714.90	288.50	38.05	326.55	897.05	144.40	1,041.45
YEAR TO DATE 1989	599.00	66.60	665.60	234.40	37.20	271.60	833.40	103.80	937.20
% CHANGE									
1990 : 1989	+1.6	+59.7	+7.4	+23.1	+2.3	+20.2	+7.6	+39.1	+11.1

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$2,441.85	$ 366.10	$2,807.95	$1,803.58	$2,763.35	$ 432.25	$3,195.60
1990							
JAN	$ 159.20	$ 42.10	$ 201.30	$1,778.53	$ 199.05	$ 27.30	$ 226.35
FEB	$ 157.15	$ 37.40	$ 194.55	$1,705.08	$ 233.30	$ 34.70	$ 268.00
MAR	$ 189.55	$ 76.30	$ 265.85	$1,682.03	$ 246.25	$ 42.65	$ 288.90
APR (P)	$ 264.90	$ 24.55	$ 289.45	$1,713.28	$ 218.45	$ 39.75	$ 258.20
4 MONTHS	$ 770.80	$ 180.35	$ 951.15		$ 897.05	$ 144.40	$1,041.45

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$2,581.50	$ 405.20	$2,986.70	$ 139.65	$ 39.10	$ 178.75
1990						
JAN	$ 162.30	$ 44.05	$ 206.35	$ 3.10	$ 1.95	$ 5.05
FEB	$ 162.30	$ 38.30	$ 200.60	$ 5.15	$ .90	$ 6.05
MAR	$ 204.10	$ 79.95	$ 284.05	$ 14.55	$ 3.65	$ 18.20
APR (P)	$ 274.65	$ 24.70	$ 299.35	$ 9.75	$ .15	$ 9.90
4 MONTHS	$ 803.35	$ 187.00	$ 990.35	$ 32.55	$ 6.65	$ 39.20

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$1,722.80	$ 253.55	$1,976.35	$1,423.29	$2,059.20	$ 299.40	$2,358.60
1990							
JAN	$ 117.70	$ 23.45	$ 141.15	$1,402.24	$ 143.40	$ 18.80	$ 162.20
FEB	$ 100.45	$ 15.85	$ 116.30	$1,349.04	$ 143.60	$ 25.90	$ 169.50
MAR	$ 132.60	$ 65.60	$ 198.20	$1,333.09	$ 179.80	$ 34.35	$ 214.15
APR (P)	$ 187.65	$ 19.20	$ 206.85	$1,370.89	$ 141.75	$ 27.30	$ 169.05
4 MONTHS	$ 538.40	$ 124.10	$ 662.50		$ 608.55	$ 106.35	$ 714.90

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$1,837.80	$ 281.65	$2,119.45	$ 115.00	$ 28.10	$ 143.10
1990						
JAN	$ 120.35	$ 25.15	$ 145.50	$ 2.65	$ 1.70	$ 4.35
FEB	$ 102.20	$ 16.70	$ 118.90	$ 1.75	$ .85	$ 2.60
MAR	$ 146.80	$ 69.20	$ 216.00	$ 14.20	$ 3.60	$ 17.80
APR (P)	$ 195.25	$ 19.30	$ 214.55	$ 7.60	$ .10	$ 7.70
4 MONTHS	$ 564.60	$ 130.35	$ 694.95	$ 26.20	$ 6.25	$ 32.45

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$ 719.05	$ 112.55	$ 831.60	$ 380.29	$ 704.15	$ 132.85	$ 837.00
1990							
JAN	$ 41.50	$ 18.65	$ 60.15	$ 376.29	$ 55.65	$ 8.50	$ 64.15
FEB	$ 56.70	$ 21.55	$ 78.25	$ 356.04	$ 89.70	$ 8.80	$ 98.50
MAR	$ 56.95	$ 10.70	$ 67.65	$ 348.94	$ 66.45	$ 8.30	$ 74.75
APR (P)	$ 77.25	$ 5.35	$ 82.60	$ 342.39	$ 76.70	$ 12.45	$ 89.15
4 MONTHS	$ 232.40	$ 56.25	$ 288.65		$ 288.50	$ 38.05	$ 326.55

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$ 743.70	$ 123.55	$ 867.25	$ 24.65	$ 11.00	$ 35.65
1990						
JAN	$ 41.95	$ 18.90	$ 60.85	$ .45	$ .25	$ .70
FEB	$ 60.10	$ 21.60	$ 81.70	$ 3.40	$ .05	$ 3.45
MAR	$ 57.30	$ 10.75	$ 68.05	$ .35	$ .05	$ .40
APR (P)	$ 79.40	$ 5.40	$ 84.80	$ 2.15	$ .05	$ 2.20
4 MONTHS	$ 238.75	$ 56.65	$ 295.40	$ 6.35	$ .40	$ 6.75

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

NEWS

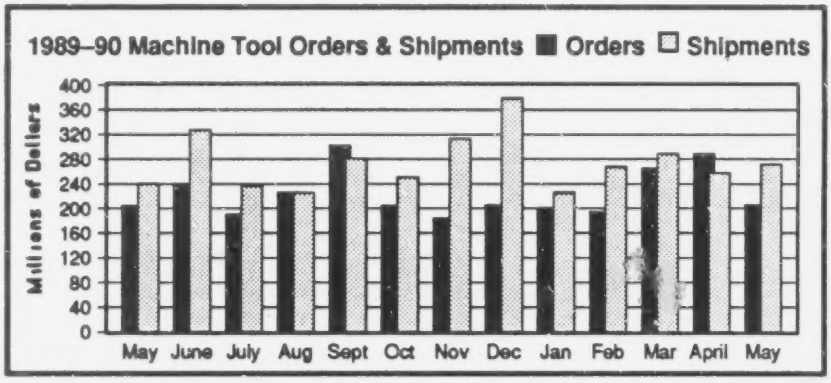
NMTBA
The Association For
Manufacturing Technology

FOR RELEASE: June 25, 1990

Contact: Charles Pollock, Vice President, Communications, 703–827–5206
Glyn Finley, Statistical Director, 703–827–5255

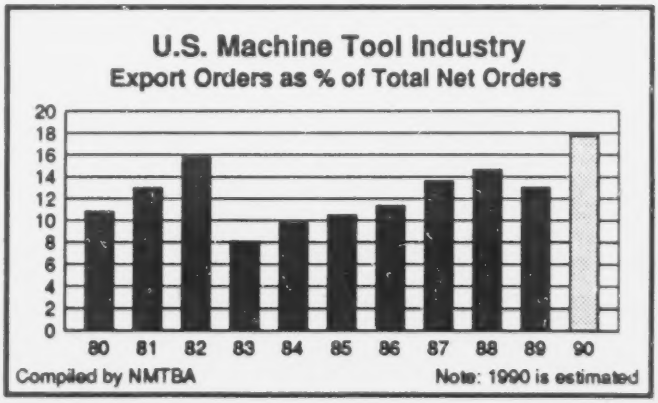
Machine tool shipments are up, orders drop

Total machine tool shipments for May stand at $272.60 million, 5.6% above the $258.10 million tallied in April, according to figures released today by NMTBA – The Association For Manufacturing Technology. Year–to–date 1990 shipments reached $1,313.95 million, 11.5% higher than the total for the same period a year ago. Compared to May 1989, May 1990 shipments are up 13.2%.



Machine tool orders in May stood at $206.20 million, 28.7% below April's $289.25 million. Comparing May 1990 to May a year ago, orders are up 0.5%. Year–to–date machine tool orders total $1,157.15 million, down 7.5% compared to the same period in 1989. However, year–to–date foreign orders are up 47.3% compared to 1989.

NMTBA president Albert W. Moore noted, "Exports are becoming an increasingly important factor for U.S. machine tool manufacturers. The ratio of foreign to total orders thus far in 1990 is higher than at any time during the 1980s. (See graph) In dollars, foreign orders rank 3rd since 1980."



(more)

Moore added, "During the 1990s we will see continued world economic integration and, hopefully, greater strides in economic development. As competition intensifies and the pace of product development quickens, the demand for machines will grow. Now is the time for U.S. machine tool builders to position themselves to participate in the growth of the global economy. Clearly, the decade ahead will be a period of challenge and opportunity for our industry."

May metal cutting machine tool orders fell to $137.55 million, down 33.4% from April's $206.65 million. Metal forming orders fell 16.9% from April to May, going from $82.60 million to $68.65 million. Year–to–date metal cutting orders were $799.85 million, 11.4% below 1989's $903.25 million. Year–to–date metal forming orders total $357.30 million, up 2.7% compared to 1989's $347.85 million. Comparing May 1990 orders to May 1989 orders, metal cutting is down 7.0% and metal forming is up 19.7%.

May 1990 metal cutting shipments totaled $193.80 million, up 14.7% compared to April's $168.95 million. May metal forming shipments stood at $78.80 million, down 11.6% compared to April's $89.15 million. Year–to–date figures show metal cutting shipments of $908.60 million, a 10.3% rise compared to the $824.00 million tallied in 1989. Metal forming shipments for the year are up 14.5%, going from $353.95 million in 1989 to $405.35 million in 1990. Comparing May 1990 to May 1989, metal cutting shipments are up 22.3% and metal forming shipments are down 4.3%.

The machine tool order backlog for May 1990 is $1,646.80 million, down from April's $1,713.20 million. The May 1989 backlog was $2,264.40 million.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
MAY 1990	116.55	21.00	137.55	64.50	4.15	68.65	181.05	25.15	206.20
APR 1990	187.45	19.20	206.65	77.25	5.35	82.60	264.70	24.55	289.25
% CHANGE									
MAY 1990:APR 1990	-37.8	+9.4	-33.4	-16.5	-22.4	-16.9	-31.6	+2.4	-28.7
MAY 1989	138.10	9.80	147.90	49.85	7.50	57.35	187.95	17.30	205.25
% CHANGE									
MAY 1990:MAY 1989	-15.6	+114.3	-7.0	+29.4	-44.7	+19.7	-3.7	+45.4	+0.5
YEAR TO DATE 1990	654.75	145.10	799.85	296.90	60.40	357.30	951.65	205.50	1,157.15
YEAR TO DATE 1989	813.50	89.75	903.25	298.10	49.75	347.85	1,111.60	139.50	1,251.10
% CHANGE									
1990 : 1989	-19.5	+61.7	-11.4	-0.4	+21.4	+2.7	-14.4	+47.3	-7.5

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
MAY 1990	171.95	21.85	193.80	71.00	7.80	78.80	242.95	29.65	272.60
APR 1990	141.65	27.30	168.95	76.70	12.45	89.15	218.35	39.75	258.10
% CHANGE									
MAY 1990:APR 1990	+21.4	-20.0	+14.7	-7.4	-37.3	-11.6	+11.3	-25.4	+5.6
MAY 1989	145.40	13.00	158.40	74.10	8.25	82.35	219.50	21.25	240.75
% CHANGE									
MAY 1990:MAY 1989	+18.3	+68.1	+22.3	-4.2	-5.5	-4.3	+10.7	+39.5	+13.2
YEAR TO DATE 1990	780.40	128.20	908.60	359.50	45.85	405.35	1,139.90	174.05	1,313.95
YEAR TO DATE 1989	744.40	79.60	824.00	308.50	45.45	353.95	1,052.90	125.05	1,177.95
% CHANGE									
1990 : 1989	+4.8	+61.1	+10.3	+16.5	+0.9	+14.5	+8.3	+39.2	+11.5

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$2,441.85	$ 366.10	$2,807.95	$1,803.60	$2,763.35	$ 432.25	$3,195.60
1990							
JAN	$ 159.20	$ 42.10	$ 201.30	$1,778.55	$ 199.05	$ 27.30	$ 226.35
FEB	$ 157.15	$ 37.40	$ 194.55	$1,705.10	$ 233.30	$ 34.70	$ 268.00
MAR	$ 189.55	$ 76.30	$ 265.85	$1,682.05	$ 246.25	$ 42.65	$ 288.90
APR	$ 264.70	$ 24.55	$ 289.25	$1,713.20	$ 218.35	$ 39.75	$ 258.10
MAY (P)	$ 181.05	$ 25.15	$ 206.20	$1,646.80	$ 242.95	$ 29.65	$ 272.60
5 MONTHS	$ 951.65	$ 205.50	$1,157.15		$1,139.90	$ 174.05	$1,313.95

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$2,581.50	$ 405.20	$2,986.70	$ 139.65	$ 39.10	$ 178.75
1990						
JAN	$ 162.30	$ 44.05	$ 206.35	$ 3.10	$ 1.95	$ 5.05
FEB	$ 162.30	$ 38.30	$ 200.60	$ 5.15	$ .90	$ 6.05
MAR	$ 204.10	$ 79.95	$ 284.05	$ 14.55	$ 3.65	$ 18.20
APR	$ 278.80	$ 24.70	$ 303.50	$ 14.10	$ .15	$ 14.25
MAY (P)	$ 195.35	$ 25.95	$ 221.30	$ 14.30	$ .80	$ 15.10
5 MONTHS	$1,002.85	$ 212.95	$1,215.80	$ 51.20	$ 7.45	$ 58.65

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$1,722.80	$ 253.55	$1,976.35	$1,423.30	$2,059.20	$ 299.40	$2,358.60
1990							
JAN	$ 117.70	$ 23.45	$ 141.15	$1,402.25	$ 143.40	$ 18.80	$ 162.20
FEB	$ 100.45	$ 15.85	$ 116.30	$1,349.05	$ 143.60	$ 25.90	$ 169.50
MAR	$ 132.60	$ 65.60	$ 198.20	$1,333.10	$ 179.80	$ 34.35	$ 214.15
APR	$ 187.45	$ 19.20	$ 206.65	$1,370.80	$ 141.65	$ 27.30	$ 168.95
MAY (P)	$ 116.55	$ 21.00	$ 137.55	$1,314.55	$ 171.95	$ 21.85	$ 193.80
5 MONTHS	$ 654.75	$ 145.10	$ 799.85		$ 780.40	$ 128.20	$ 908.60

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$1,837.80	$ 281.65	$2,119.45	$ 115.00	$ 28.10	$ 143.10
1990						
JAN	$ 120.35	$ 25.15	$ 145.50	$ 2.65	$ 1.70	$ 4.35
FEB	$ 102.20	$ 16.70	$ 118.90	$ 1.75	$ .85	$ 2.60
MAR	$ 146.80	$ 69.20	$ 216.00	$ 14.20	$ 3.60	$ 17.80
APR	$ 199.40	$ 19.30	$ 218.70	$ 11.95	$ .10	$ 12.05
MAY (P)	$ 129.95	$ 21.75	$ 151.70	$ 13.40	$ .75	$ 14.15
5 MONTHS	$ 698.70	$ 152.10	$ 850.80	$ 43.95	$ 7.00	$ 50.95

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$ 719.05	$ 112.55	$ 831.60	$ 380.30	$ 704.15	$ 132.85	$ 837.00
1990							
JAN	$ 41.50	$ 18.65	$ 60.15	$ 376.30	$ 55.65	$ 8.50	$ 64.15
FEB	$ 56.70	$ 21.55	$ 78.25	$ 356.05	$ 89.70	$ 8.80	$ 98.50
MAR	$ 56.95	$ 10.70	$ 67.65	$ 348.95	$ 66.45	$ 8.30	$ 74.75
APR	$ 77.25	$ 5.35	$ 82.60	$ 342.40	$ 76.70	$ 12.45	$ 89.15
MAY (P)	$ 64.50	$ 4.15	$ 68.65	$ 332.25	$ 71.00	$ 7.80	$ 78.80
5 MONTHS	$ 296.90	$ 60.40	$ 357.30		$ 359.50	$ 45.85	$ 405.35

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$ 743.70	$ 123.55	$ 867.25	$ 24.65	$ 11.00	$ 35.65
1990						
JAN	$ 41.95	$ 18.90	$ 60.85	$ .45	$ .25	$ .70
FEB	$ 60.10	$ 21.60	$ 81.70	$ 3.40	$ .05	$ 3.45
MAR	$ 57.30	$ 10.75	$ 68.05	$ .35	$ .05	$ .40
APR	$ 79.40	$ 5.40	$ 84.80	$ 2.15	$ .05	$ 2.20
MAY (P)	$ 65.40	$ 4.20	$ 69.60	$ .90	$ .05	$ .95
5 MONTHS	$ 304.15	$ 60.85	$ 365.00	$ 7.25	$ .45	$ 7.70

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

NEWS

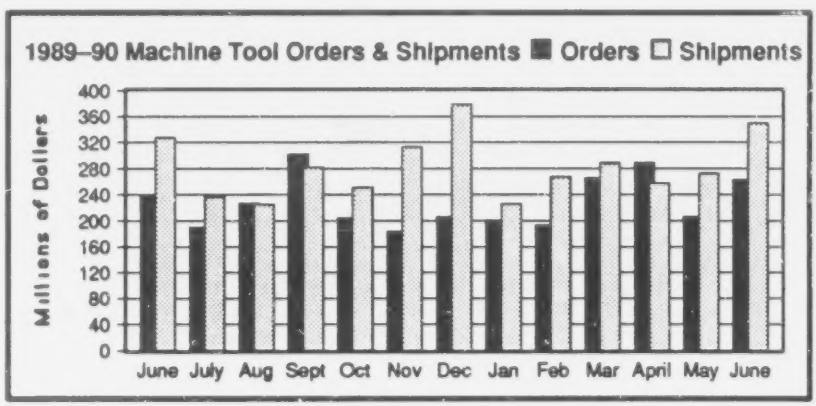
NMTBA
The Association For
Manufacturing Technology

FOR RELEASE: July 30, 1990

Contact: Charles Pollock, Vice President, Communications, 703–827–5206
Glyn Finley, Statistical Director, 703–827–5255

Machine tool orders and shipments up in June

Total machine tool orders for June rose to $262.65 million, 27.2% higher than May's $206.45 million, according to figures released today by NMTBA – The Association For Manufacturing Technology. Total shipments also rose — going from $272.95 million in May to $350.20 million in June, a 28.3% improvement.



Looking at year–to–date totals: 1990 orders stand at $1,420.05 million, down 4.8% compared to the same period in 1989; 1990 shipments total $1,664.50 million, up 10.6% compared to 1989. Comparing June 1990 to June 1989, orders are up 9.1% and shipments are up 6.9%.

NMTBA President Albert W. Moore commented, "We are very pleased to note that both foreign and domestic orders were strong in June. Second quarter 1990 total orders were the highest since the first quarter of 1989. Analysts had forecasted an improved order picture in the second half of 1990 — we hope that we are seeing the beginning of this predicted upturn."

However, according to Moore, interest rates are an area of concern. He noted, "Our industry is particularly sensitive to interest rates as capital equipment spending requires large outlays. Many of our members and their customers have suffered from increasingly stringent credit conditions.

(more)

The recent statement by Fed Chairman Greenspan that he will step in to ease interest rates if necessary, offers hope that the U.S. economic expansion will continue, and that potential customers for manufacturing equipment will not be discouraged by a lack of credit."

Metal Cutting

From May to June, metal cutting machine tool orders rose 35.0%, reaching $186.00 million. Year–to–date metal cutting orders stand at $986.10 million, down 7.2% compared to 1989. Comparing June 1990 to June 1989, metal cutting orders are up 17.1%.

June's metal cutting shipments totaled $275.65 million, up 42.0%. Year–to–date metal cutting shipments stand at $1,184.60 million, 11.8% higher than the figure for the same period in 1989. June 1990 metal cutting shipments are 16.9% higher than in June 1989.

Metal Forming

Metal forming orders for June reached $76.65 million, up 11.7% compared to May. Year–to–date metal forming orders total $433.95 million, 1.0% higher than in 1989. Comparing June 1990 to June 1989, metal forming orders are down 6.4%.

At $74.55 million, June metal forming shipments were down 5.4% compared to May. Year–to–date metal forming shipments stand at $479.90 million, up 7.6% compared to 1989. Comparing June 1990 to June 1989, metal forming shipments are down 18.8%.

Backlog

The machine tool order backlog for June 1990 is $1,559.15 million, down from May's $1,646.70 million. The June 1989 backlog was $2,177.55 million.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JUN 1990	148.60	37.40	186.00	69.90	6.75	76.65	218.50	44.15	262.65
MAY 1990	116.80	21.00	137.80	64.50	4.15	68.65	181.30	25.15	206.45
% CHANGE									
JUN 1990:MAY 1990	+27.2	+78.1	+35.0	+8.4	+62.7	+11.7	+20.5	+75.5	+27.2
JUN 1989	123.05	35.80	158.85	72.85	9.00	81.85	195.90	44.80	240.70
% CHANGE									
JUN 1990:JUN 1989	+20.8	+4.5	+17.1	-4.0	-25.0	-6.4	+11.5	-1.5	+9.1
YEAR TO DATE 1990	803.60	182.50	986.10	366.80	67.15	433.95	1,170.40	249.65	1,420.05
YEAR TO DATE 1989	936.55	125.55	1,062.10	370.95	58.75	429.70	1,307.50	184.30	1,491.80
% CHANGE									
1990 : 1989	-14.2	+45.4	-7.2	-1.1	+14.3	+1.0	-10.5	+35.5	-4.8

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JUN 1990	240.05	35.60	275.65	70.85	3.70	74.55	310.90	39.30	350.20
MAY 1990	172.30	21.85	194.15	71.00	7.80	78.80	243.30	29.65	272.95
% CHANGE									
JUN 1990:MAY 1990	+39.3	+62.9	+42.0	-0.2	-52.6	-5.4	+27.8	+32.5	+28.3
JUN 1989	199.95	35.75	235.70	70.10	21.75	91.85	270.05	57.50	327.55
% CHANGE									
JUN 1990:JUN 1989	+20.1	-0.4	+16.9	+1.1	-83.0	-18.8	+15.1	-31.7	+6.9
YEAR TO DATE 1990	1,020.80	163.80	1,184.60	430.35	49.55	479.90	1,451.15	213.35	1,664.50
YEAR TO DATE 1989	944.35	115.35	1,059.70	378.60	67.20	445.80	1,322.95	182.55	1,505.50
% CHANGE									
1990 : 1989	+8.1	+42.0	+11.8	+13.7	-26.3	+7.6	+9.7	+16.9	+10.6

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$2,441.85	$ 366.10	$2,807.95	$1,803.60	$2,763.35	$ 432.25	$3,195.60
1990							
JAN	$ 159.20	$ 42.10	$ 201.30	$1,778.55	$ 199.05	$ 27.30	$ 226.35
FEB	$ 157.15	$ 37.40	$ 194.55	$1,705.10	$ 233.30	$ 34.70	$ 268.00
MAR	$ 189.55	$ 76.30	$ 265.85	$1,682.05	$ 246.25	$ 42.65	$ 288.90
APR	$ 264.70	$ 24.55	$ 289.25	$1,713.20	$ 218.35	$ 39.75	$ 258.10
MAY	$ 181.30	$ 25.15	$ 206.45	$1,646.70	$ 243.30	$ 29.65	$ 272.95
JUN (P)	$ 218.50	$ 44.15	$ 262.65	$1,559.15	$ 310.90	$ 39.30	$ 350.20
6 MONTHS	$1,170.40	$ 249.65	$1,420.05		$1,451.15	$ 213.35	$1,664.50

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$2,581.50	$ 405.20	$2,986.70	$ 139.65	$ 39.10	$ 178.75
1990						
JAN	$ 162.30	$ 44.05	$ 206.35	$ 3.10	$ 1.95	$ 5.05
FEB	$ 162.30	$ 38.30	$ 200.60	$ 5.15	$ .90	$ 6.05
MAR	$ 204.10	$ 79.95	$ 284.05	$ 14.55	$ 3.65	$ 18.20
APR	$ 278.80	$ 24.70	$ 303.50	$ 14.10	$ .15	$ 14.25
MAY	$ 195.60	$ 25.95	$ 221.55	$ 14.30	$ .80	$ 15.10
JUN (P)	$ 224.35	$ 47.65	$ 272.00	$ 5.85	$ 3.50	$ 9.35
6 MONTHS	$1,227.45	$ 260.60	$1,488.05	$ 57.05	$ 10.95	$ 68.00

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$1,722.80	$ 253.55	$1,976.35	$1,423.30	$2,059.20	$ 299.40	$2,358.60
1990							
JAN	$ 117.70	$ 23.45	$ 141.15	$1,402.25	$ 143.40	$ 18.80	$ 162.20
FEB	$ 100.45	$ 15.85	$ 116.30	$1,349.05	$ 143.60	$ 25.90	$ 169.50
MAR	$ 132.60	$ 65.60	$ 198.20	$1,333.10	$ 179.80	$ 34.35	$ 214.15
APR	$ 187.45	$ 19.20	$ 206.65	$1,370.80	$ 141.65	$ 27.30	$ 168.95
MAY	$ 116.80	$ 21.00	$ 137.80	$1,314.45	$ 172.30	$ 21.85	$ 194.15
JUN (P)	$ 148.60	$ 37.40	$ 186.00	$1,224.80	$ 240.05	$ 35.60	$ 275.65
6 MONTHS	$ 803.60	$ 182.50	$ 986.10		$1,020.80	$ 163.80	$1,184.60

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$1,837.80	$ 281.65	$2,119.45	$ 115.00	$ 28.10	$ 143.10
1990						
JAN	$ 120.35	$ 25.15	$ 145.50	$ 2.65	$ 1.70	$ 4.35
FEB	$ 102.20	$ 16.70	$ 118.90	$ 1.75	$ .85	$ 2.60
MAR	$ 146.80	$ 69.20	$ 216.00	$ 14.20	$ 3.60	$ 17.80
APR	$ 199.40	$ 19.30	$ 218.70	$ 11.95	$ .10	$ 12.05
MAY	$ 130.20	$ 21.75	$ 151.95	$ 13.40	$ .75	$ 14.15
JUN (P)	$ 152.80	$ 40.85	$ 193.65	$ 4.20	$ 3.45	$ 7.65
6 MONTHS	$ 851.75	$ 192.95	$1,044.70	$ 48.15	$ 10.45	$ 58.60

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1989	$ 719.05	$ 112.55	$ 831.60	$ 380.30	$ 704.15	$ 132.85	$ 837.00
1990							
JAN	$ 41.50	$ 18.65	$ 60.15	$ 376.30	$ 55.65	$ 8.50	$ 64.15
FEB	$ 56.70	$ 21.55	$ 78.25	$ 356.05	$ 89.70	$ 8.80	$ 98.50
MAR	$ 56.95	$ 10.70	$ 67.65	$ 348.95	$ 66.45	$ 8.30	$ 74.75
APR	$ 77.25	$ 5.35	$ 82.60	$ 342.40	$ 76.70	$ 12.45	$ 89.15
MAY	$ 64.50	$ 4.15	$ 68.65	$ 332.25	$ 71.00	$ 7.80	$ 78.80
JUN (P)	$ 69.90	$ 6.75	$ 76.65	$ 334.35	$ 70.85	$ 3.70	$ 74.55
6 MONTHS	$ 366.80	$ 67.15	$ 433.95		$ 430.35	$ 49.55	$ 479.90

DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1989	$ 743.70	$ 123.55	$ 867.25	$ 24.65	$ 11.00	$ 35.65
1990						
JAN	$ 41.95	$ 18.90	$ 60.85	$ .45	$ .25	$ .70
FEB	$ 60.10	$ 21.60	$ 81.70	$ 3.40	$ .05	$ 3.45
MAR	$ 57.30	$ 10.75	$ 68.05	$ .35	$ .05	$ .40
APR	$ 79.40	$ 5.40	$ 84.80	$ 2.15	$ .05	$ 2.20
MAY	$ 65.40	$ 4.20	$ 69.60	$ .90	$ .05	$ .95
JUN (P)	$ 71.55	$ 6.80	$ 78.35	$ 1.65	$ .05	$ 1.70
6 MONTHS	$ 375.70	$ 67.65	$ 443.35	$ 8.90	$ .50	$ 9.40

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

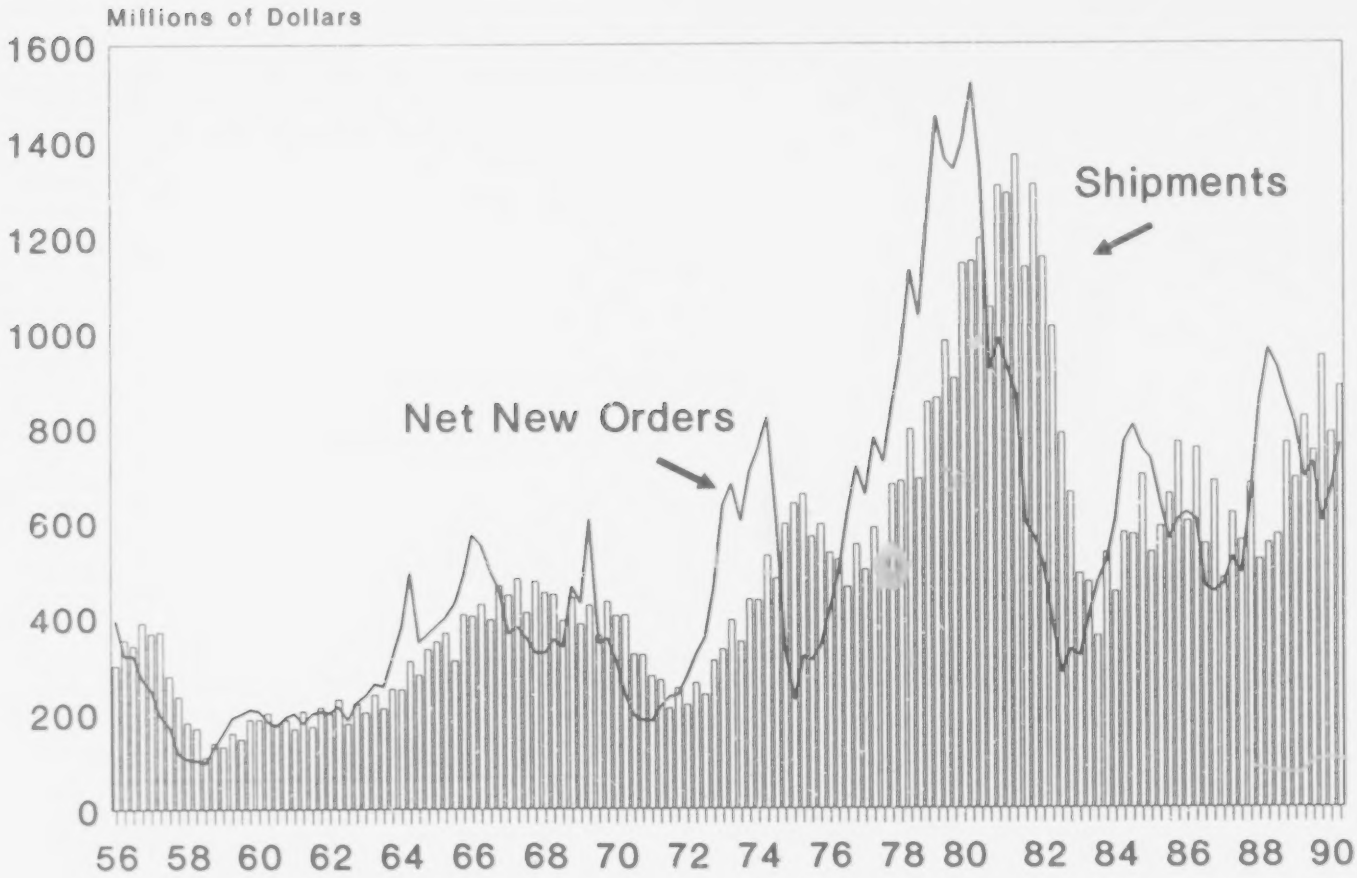
(Dollar Figures in Thousands)
1984 to Date

	Cutting and Forming			Cutting			Forming		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	572,300	50,700	764,400	401,800	28,250	499,200	170,500	22,450	265,200
3	568,850	41,850	800,200	401,550	24,300	493,000	167,300	17,550	307,200
4	695,200	60,150	750,750	505,050	45,000	510,850	190,150	15,150	239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 675,000
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,500	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	960,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4	762,250	96,050	857,700	526,050	59,600	650,150	236,200	36,450	207,550
Total	$2,399,100	$296,800	$3,590,850	$1,574,550	$174,450	$2,707,900	$ 824,550	$ 122,350	$ 882,950
1989-1	$ 687,650	$ 81,400	$ 803,300	$ 481,550	$ 50,900	$ 602,550	$ 206,100	$ 30,500	$ 200,750
2	817,850	101,150	688,500	578,150	64,450	459,550	239,700	36,700	228,950
3	745,500	109,350	720,450	574,000	82,600	481,900	171,500	26,750	238,550
4	944,600	140,350	595,700	724,900	101,450	432,350	219,700	38,900	163,350
Total	$3,195,600	$432,250	$2,807,950	$2,358,600	$299,400	$1,976,350	$ 837,000	$ 132,850	$ 831,600
1990-1	$ 783,250	$104,650	$ 661,700	$ 545,850	$ 79,050	$ 455,650	$ 237,400	$ 25,600	$ 206,050
2P	881,250	108,700	758,350	638,750	84,750	530,450	242,500	23,950	227,900
Total	$1,664,500	$213,350	$1,420,050	$1,184,600	$163,800	$ 986,100	$ 479,900	$ 49,550	$ 433,950

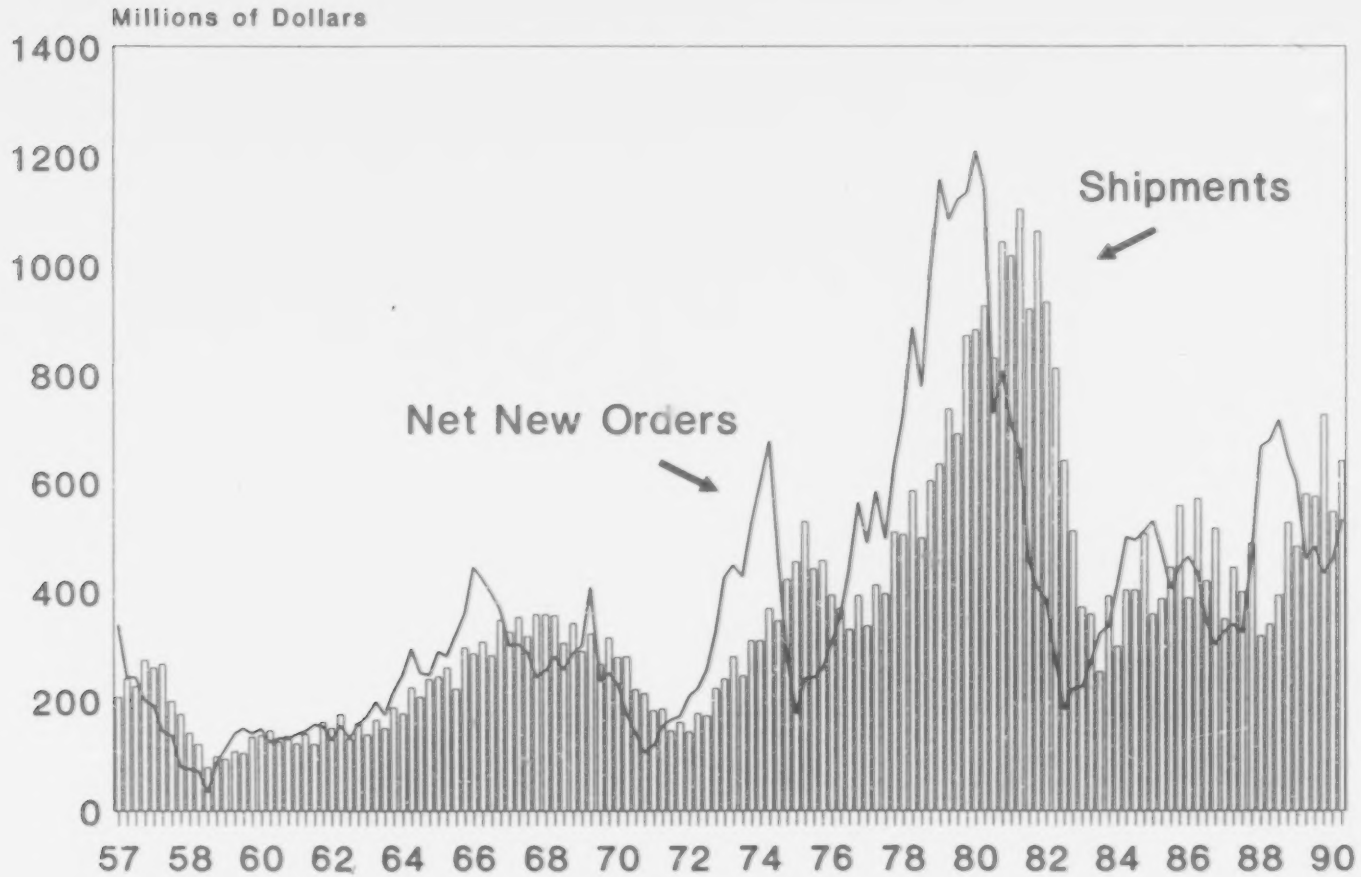
P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

July 30, 1990

Total Machine Tools
Shipments and Net New Orders, Quarterly



Metal Cutting Machine Tools
Shipments and Net New Orders, Quarterly



Metal Forming Machine Tools
Shipments and Net New Orders, Quarterly

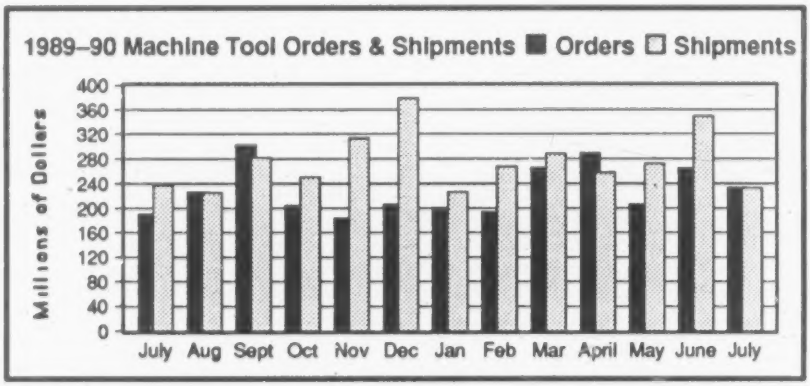
NEWS

NMTBA
The Association For
Manufacturing Technology

FOR RELEASE: August 27, 1990
Contact: Charles Pollock, Vice President, Communications, 703–827–5206
Glyn Finley, Statistical Director, 703–827–5255

Year–to–date machine tool shipments up, orders level with 1989

Year–to–date machine tool shipments for 1990 total $1,897.95 million, up 8.9% for the year, according to figures released today by NMTBA – The Association For Manufacturing Technology. Year–to–date orders stand at $1,656.40 million, only slightly below 1989's $1682.55 million for the same period. Year–to–date order figures have been improving steadily, going from –22.8% in February to only –1.6% in July.



July machine tool orders were $233.75 million, 11.9% below June's total. Machine tool shipments were $233.40 million, down 33.4% compared to June. Compared to the same month in 1989, July 1990 orders were up 22.5%, while shipments were down 1.8%.

Albert W. Moore, NMTBA president, said, "Machine tool orders are hanging tough, considering that July is usually a slow month, as many manufacturing plants have summer shutdowns and the auto industry is normally in the process of model changeovers. As our customer industries, ranging from automotive and aerospace to hand tools and appliances, expand their export horizons, they are finding it necessary to invest to compete. New up–to–date manufacturing equipment improves efficiency and product quality — it is a competitive weapon."

He added, "With this in mind, we are looking forward with optimism to IMTS–90, our gigantic biennial manufacturing technology show coming up in Chicago (Wednesday, September 5 ,

(more)

7901 WESTPARK DRIVE, McLEAN, VIRGINIA 22102-4269 / PHONE (703) 893-2900 / TLX: 353819 / FAX (703)893-1151

through Thursday, September 13, at McCormick Place). It is more important than ever for U.S. manufacturing to be the best it can be. IMTS provides the opportunity to see — all in one place — the best and most up–to–date manufacturing equipment available."

Metal Cutting

Compared to June, July metal cutting orders declined 22.5% to $146.25 million. Year–to–date orders stand at $1,134.95 million, down 5.0% from 1989. Compared to July a year ago, July 1990 metal cutting orders are up 9.8%.

Metal cutting shipments in July were $161.80 million, down 41.3% compared to June. Year–to–date metal cutting shipments climbed to $1,346.45 million, up 9.0% compared to the same period in 1989. July 1990 metal cutting shipments were 7.9% lower than in July last year.

Metal Forming

Metal forming orders for July reached $87.50 million, up 14.2% compared to June. At $521.45 million, year–to–date metal forming orders are 7.0% higher than in 1989. July 1990 metal forming orders are 52.0% higher than in July 1989.

July metal forming shipments were $71.60 million, down 4.0% from June. Year–to–date metal forming shipments stand at $551.50 million, up 8.6% compared to 1989. Comparing July 1990 to July 1989, metal forming shipments are up 15.3%.

Backlog

The machine tool order backlog for July 1990 is $1,562.05 million, up slightly from June's $1,561.70 million. The July 1989 backlog was $2,130.60 million.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JUL 1990	132.05	14.20	146.25	81.40	6.10	87.50	213.45	20.30	233.75
JUN 1990	151.20	37.40	188.60	69.90	6.75	76.65	221.10	44.15	265.25
% CHANGE									
JUL 1990:JUN 1990	-12.7	-62.0	-22.5	+16.5	-9.6	+14.2	-3.5	-54.0	-11.9
JUL 1989	112.00	21.20	133.20	43.35	14.20	57.55	155.35	35.40	190.75
% CHANGE									
JUL 1990:JUL 1989	+17.9	-33.0	+9.8	+87.8	-57.0	+52.0	+37.4	-42.7	+22.5
YEAR TO DATE 1990	938.25	196.70	1,134.95	448.20	73.25	521.45	1,386.45	269.95	1,656.40
YEAR TO DATE 1989	1,048.55	146.75	1,195.30	414.30	72.95	487.25	1,462.85	219.70	1,682.55
% CHANGE									
1990 : 1989	-10.5	+34.0	-5.0	+8.2	+0.4	+7.0	-5.2	+22.9	-1.6

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JUL 1990	144.00	17.80	161.80	67.35	4.25	71.60	211.35	22.05	233.40
JUN 1990	240.10	35.60	275.70	70.85	3.70	74.55	310.95	39.30	350.25
% CHANGE									
JUL 1990:JUN 1990	-40.0	-50.0	-41.3	-4.9	+14.9	-4.0	-32.0	-43.9	-33.4
JUL 1989	155.45	20.15	175.60	50.55	11.55	62.10	206.00	31.70	237.70
% CHANGE									
JUL 1990:JUL 1989	-7.4	-11.7	-7.9	+33.2	-63.2	+15.3	+2.6	-30.4	-1.8
YEAR TO DATE 1990	1,164.85	181.60	1,346.45	497.70	53.80	551.50	1,662.55	235.40	1,897.95
YEAR TO DATE 1989	1,099.80	135.50	1,235.30	429.15	78.75	507.90	1,528.95	214.25	1,743.20
% CHANGE									
1990 : 1989	+5.9	+34.0	+9.0	+16.0	-31.7	+8.6	+8.7	+9.9	+8.9

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$2,441.85	$ 366.10	$2,807.95	$1,803.60	$2,763.35	$ 432.25	$3,195.60
1990							
JAN	$ 159.20	$ 42.10	$ 201.30	$1,778.55	$ 199.05	$ 27.30	$ 226.35
FEB	$ 157.15	$ 37.40	$ 194.55	$1,705.10	$ 233.30	$ 34.70	$ 268.00
MAR	$ 189.55	$ 76.30	$ 265.85	$1,682.05	$ 246.25	$ 42.65	$ 288.90
APR	$ 264.70	$ 24.55	$ 289.25	$1,713.20	$ 218.35	$ 39.75	$ 258.10
MAY	$ 181.30	$ 25.15	$ 206.45	$1,646.70	$ 243.30	$ 29.65	$ 272.95
JUN	$ 221.10	$ 44.15	$ 265.25	$1,561.70	$ 310.95	$ 39.30	$ 350.25
JUL (P)	$ 213.45	$ 20.30	$ 233.75	$1,562.05	$ 211.35	$ 22.05	$ 233.40
7 MONTHS	$1,386.45	$ 269.95	$1,656.40		$1,662.55	$ 235.40	$1,897.95

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$2,581.50	$ 405.20	$2,986.70	$ 139.65	$ 39.10	$ 178.75
1990						
JAN	$ 162.30	$ 44.05	$ 206.35	$ 3.10	$ 1.95	$ 5.05
FEB	$ 162.30	$ 38.30	$ 200.60	$ 5.15	$ .90	$ 6.05
MAR	$ 204.10	$ 79.95	$ 284.05	$ 14.55	$ 3.65	$ 18.20
APR	$ 278.80	$ 24.70	$ 303.50	$ 14.10	$ .15	$ 14.25
MAY	$ 195.60	$ 25.95	$ 221.55	$ 14.30	$ .80	$ 15.10
JUN	$ 226.95	$ 47.65	$ 274.60	$ 5.85	$ 3.50	$ 9.35
JUL (P)	$ 223.95	$ 26.15	$ 250.10	$ 10.50	$ 5.85	$ 16.35
7 MONTHS	$1,454.00	$ 286.75	$1,740.75	$ 67.55	$ 16.80	$ 84.35

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog -
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$1,722.80	$ 253.55	$1,976.35	$1,423.30	$2,059.20	$ 299.40	$2,358.60
1990							
JAN	$ 117.70	$ 23.45	$ 141.15	$1,402.25	$ 143.40	$ 18.80	$ 162.20
FEB	$ 100.45	$ 15.85	$ 116.30	$1,349.05	$ 143.60	$ 25.90	$ 169.50
MAR	$ 132.60	$ 65.60	$ 198.20	$1,333.10	$ 179.80	$ 34.35	$ 214.15
APR	$ 187.45	$ 19.20	$ 206.65	$1,370.80	$ 141.65	$ 27.30	$ 168.95
MAY	$ 116.80	$ 21.00	$ 137.80	$1,314.45	$ 172.30	$ 21.85	$ 194.15
JUN	$ 151.20	$ 37.40	$ 188.60	$1,227.35	$ 240.10	$ 35.60	$ 275.70
JUL (P)	$ 132.05	$ 14.20	$ 146.25	$1,211.80	$ 144.00	$ 17.80	$ 161.80
7 MONTHS	$ 938.25	$ 196.70	$1,134.95		$1,164.85	$ 181.60	$1,346.45

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$1,837.80	$ 281.65	$2,119.45	$ 115.00	$ 28.10	$ 143.10
1990						
JAN	$ 120.35	$ 25.15	$ 145.50	$ 2.65	$ 1.70	$ 4.35
FEB	$ 102.20	$ 16.70	$ 118.90	$ 1.75	$ .85	$ 2.60
MAR	$ 146.80	$ 69.20	$ 216.00	$ 14.20	$ 3.60	$ 17.80
APR	$ 199.40	$ 19.30	$ 218.70	$ 11.95	$ .10	$ 12.05
MAY	$ 130.20	$ 21.75	$ 151.95	$ 13.40	$ .75	$ 14.15
JUN	$ 155.40	$ 40.85	$ 196.25	$ 4.20	$ 3.45	$ 7.65
JUL (P)	$ 142.45	$ 20.00	$ 162.45	$ 10.40	$ 5.80	$ 16.20
7 MONTHS	$ 996.80	$ 212.95	$1,209.75	$ 58.55	$ 16.25	$ 74.80

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$ 719.05	$ 112.55	$ 831.60	$ 380.30	$ 704.15	$ 132.85	$ 837.00
1990							
JAN	$ 41.50	$ 18.65	$ 60.15	$ 376.30	$ 55.65	$ 8.50	$ 64.15
FEB	$ 56.70	$ 21.55	$ 78.25	$ 356.05	$ 89.70	$ 8.80	$ 98.50
MAR	$ 56.95	$ 10.70	$ 67.65	$ 348.95	$ 66.45	$ 8.30	$ 74.75
APR	$ 77.25	$ 5.35	$ 82.60	$ 342.40	$ 76.70	$ 12.45	$ 89.15
MAY	$ 64.50	$ 4.15	$ 68.65	$ 332.25	$ 71.00	$ 7.80	$ 78.80
JUN	$ 69.90	$ 6.75	$ 76.65	$ 334.35	$ 70.85	$ 3.70	$ 74.55
JUL (P)	$ 81.40	$ 6.10	$ 87.50	$ 350.25	$ 67.35	$ 4.25	$ 71.60
7 MONTHS	$ 448.20	$ 73.25	$ 521.45		$ 497.70	$ 53.80	$ 551.50

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$ 743.70	$ 123.55	$ 867.25	$ 24.65	$ 11.00	$ 35.65
1990						
JAN	$ 41.95	$ 18.90	$ 60.85	$ .45	$ .25	$ .70
FEB	$ 60.10	$ 21.60	$ 81.70	$ 3.40	$ .05	$ 3.45
MAR	$ 57.30	$ 10.75	$ 68.05	$ .35	$ .05	$ .40
APR	$ 79.40	$ 5.40	$ 84.80	$ 2.15	$ .05	$ 2.20
MAY	$ 65.40	$ 4.20	$ 69.60	$ .90	$ .05	$ .95
JUN	$ 71.55	$ 6.80	$ 78.35	$ 1.65	$ .05	$ 1.70
JUL (P)	$ 81.50	$ 6.15	$ 87.65	$ .10	$ .05	$ .15
7 MONTHS	$ 457.20	$ 73.80	$ 531.00	$ 9.00	$ .55	$ 9.55

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

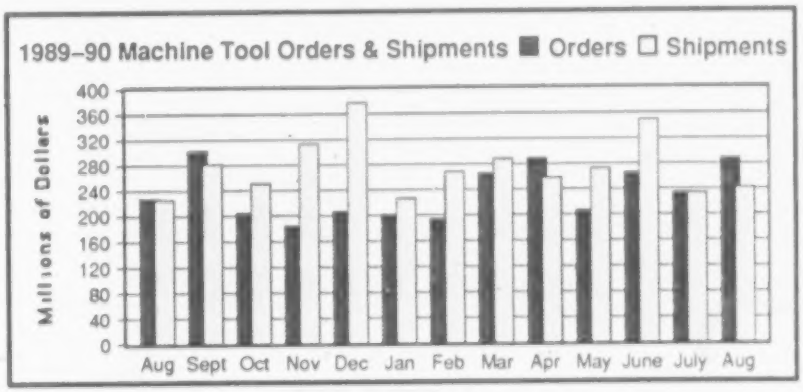
NEWS

NMTBA
The Association For Manufacturing Technology

FOR RELEASE: September 24, 1990
Contact: Charles Pollock, Vice President, Communications, 703–827–5206
Glyn Finley, Statistical Director, 703–827–5255

August machine tool orders up 23%

August machine tool orders rose to $288.05 million, up 23% compared to July's $234.25 million, according to figures released today by NMTBA – The Association For Manufacturing Technology. Year–to–date orders stand at $1,944.95 million, 1.8% above 1989's $1,909.65 million for the same period. Compared to August 1989, August 1990 orders are up 26.8%.



Machine tool shipments for the month of August reached $242.30 million, up 3.8% compared to July's $233.40 million. Year–to–date shipments stand at $2,140.25 million, 8.7% above the $1,969.00 million tallied in the same period last year. August 1990 shipments are up 7.3% compared to August a year ago.

Albert W. Moore, NMTBA president, said, "After a slow first quarter start, 1990 machine tool orders have improved steadily. August is the fifth consecutive month in which machine tool orders were above the total for the same month in 1989."

He continued, "Many analysts see a shaky economy in the coming months. But," he emphasized, "you wouldn't know it by watching the level of activity the last two weeks at IMTS–90 in Chicago, the largest industrial technology show in the Western Hemisphere. Record crowds of

(more)

7901 WESTPARK DRIVE, McLEAN, VIRGINIA 22102-4269 / PHONE (703) 893-2900 / TLX 353819 / FAX (703)893-1151

visitors stormed the show looking for high–tech products to improve their competitive positions. American industry has to look past short–term blips in order to reduce the technology gap in manufacturing, and they came prepared to do just that."

Metal Cutting

August metal cutting orders rose to $240.45 million, up 63.9% compared to July. Year–to–date metal cutting orders stand at $1,375.90 million, up 1.8% compared to the same period in 1989. Comparing August 1990 to August a year ago, orders are up 53.9%.

Metal cutting shipments for the month stand at $166.40 million, 2.8% above July. Year–to–date metal cutting shipments moved up to $1,512.85 million, a 7.7% improvement compared to the same period in 1989. August 1990 metal cutting shipments were down 2.1% compared to August last year.

Metal Forming

August metal forming orders were $47.60 million, down 45.6% from July. Year–to–date metal forming orders stand at $569.05 million, up 2.0% compared to 1989. Comparing August 1990 to August 1989, metal forming orders are down 32.8%.

Metal forming shipments for August rose to $75.90 million, 1.0% ahead of July. Year–to–date metal forming shipments reached $627.40 million, an 11.3% improvement compared to the same period in 1989. Comparing August 1990 to August 1989, metal forming shipments are up 35.8%.

Backlog

The machine tool order backlog for August 1990 is $1,608.30 million, up from July's $1,562.55 million. The August 1989 backlog was $2,131.90 million.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
AUG 1990	220.45	20.00	240.45	47.85	.25	47.60	268.30	19.75	288.05
JUL 1990	132.55	14.20	146.75	81.40	6.10	87.50	213.95	20.30	234.25
% CHANGE									
AUG 1990:JUL 1990	+66.3	+40.8	+63.9	-41.2	N/A	-45.6	+25.4	-2.7	+23.0
AUG 1989	120.70	35.55	156.25	70.45	.40	70.85	191.15	35.95	227.10
% CHANGE									
AUG 1990:AUG 1989	+82.6	-43.7	+53.9	-32.1	N/A	-32.8	+40.4	-45.1	+26.8
YEAR TO DATE 1990	1,159.20	216.70	1,375.90	496.05	73.00	569.05	1,655.25	289.70	1,944.95
YEAR TO DATE 1989	1,169.25	162.30	1,351.55	484.75	73.35	558.10	1,654.00	255.65	1,909.65
% CHANGE									
1990 : 1989	-0.9	+18.9	+1.8	+2.3	-0.5	+2.0	+0.1	+13.3	+1.8

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
AUG 1990	142.20	24.20	166.40	61.45	14.45	75.90	203.65	38.65	242.30
JUL 1990	144.00	17.80	161.80	67.35	4.25	71.60	211.35	22.05	233.40
% CHANGE									
AUG 1990:JUL 1990	-1.2	+36.0	+2.8	-8.8	+240.0	+6.0	-3.6	+75.3	+3.8
AUG 1989	147.20	22.70	169.90	49.75	6.15	55.90	196.95	28.85	225.80
% CHANGE									
AUG 1990:AUG 1989	-3.4	+6.6	-2.1	+23.5	+135.0	+35.8	+3.4	+34.0	+7.3
YEAR TO DATE 1990	1,307.05	205.80	1,512.85	559.15	68.25	627.40	1,866.20	274.05	2,140.25
YEAR TO DATE 1989	1,247.00	158.20	1,405.20	478.90	84.90	563.80	1,725.90	243.10	1,969.00
% CHANGE									
1990 : 1989	+4.8	+30.1	+7.7	+16.8	-19.6	+11.3	+8.1	+12.7	+8.7

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$2,441.85	$ 366.10	$2,807.95	$1,803.60	$2,763.35	$ 432.25	$3,195.60
1990							
JAN	$ 159.20	$ 42.10	$ 201.30	$1,778.55	$ 199.05	$ 27.30	$ 226.35
FEB	$ 157.15	$ 37.40	$ 194.55	$1,705.10	$ 233.30	$ 34.70	$ 268.00
MAR	$ 189.55	$ 76.30	$ 265.85	$1,682.05	$ 246.25	$ 42.65	$ 288.90
APR	$ 264.70	$ 24.55	$ 289.25	$1,713.20	$ 218.35	$ 39.75	$ 258.10
MAY	$ 181.30	$ 25.15	$ 206.45	$1,646.70	$ 243.30	$ 29.65	$ 272.95
JUN	$ 221.10	$ 44.15	$ 265.25	$1,561.70	$ 310.95	$ 39.30	$ 350.25
JUL	$ 213.95	$ 20.30	$ 234.25	$1,562.55	$ 211.35	$ 22.05	$ 233.40
AUG (P)	$ 268.30	$ 19.75	$ 288.05	$1,608.30	$ 203.65	$ 38.65	$ 242.30
8 MONTHS	$1,655.25	$ 289.70	$1,944.95		$1,866.20	$ 274.05	$2,140.25

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$2,581.50	$ 405.20	$2,986.70	$ 139.65	$ 39.10	$ 178.75
1990						
JAN	$ 162.30	$ 44.05	$ 206.35	$ 3.10	$ 1.95	$ 5.05
FEB	$ 162.30	$ 38.30	$ 200.60	$ 5.15	$ .90	$ 6.05
MAR	$ 204.10	$ 79.95	$ 284.05	$ 14.55	$ 3.65	$ 18.20
APR	$ 278.80	$ 24.70	$ 303.50	$ 14.10	$ .15	$ 14.25
MAY	$ 195.60	$ 25.95	$ 221.55	$ 14.30	$ .80	$ 15.10
JUN	$ 226.95	$ 47.65	$ 274.60	$ 5.85	$ 3.50	$ 9.35
JUL	$ 224.45	$ 26.15	$ 250.60	$ 10.50	$ 5.85	$ 16.35
AUG (P)	$ 275.55	$ 27.55	$ 303.10	$ 7.25	$ 7.80	$ 15.05
8 MONTHS	$1,730.05	$ 314.30	$2,044.35	$ 74.80	$ 24.60	$ 99.40

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$1,722.80	$ 253.55	$1,976.35	$1,423.30	$2,059.20	$ 299.40	$2,358.60
1990							
JAN	$ 117.70	$ 23.45	$ 141.15	$1,402.25	$ 143.40	$ 18.80	$ 162.20
FEB	$ 100.45	$ 15.85	$ 116.30	$1,349.05	$ 143.60	$ 25.90	$ 169.50
MAR	$ 132.60	$ 65.60	$ 198.20	$1,333.10	$ 179.80	$ 34.35	$ 214.15
APR	$ 187.45	$ 19.20	$ 206.65	$1,370.80	$ 141.65	$ 27.30	$ 168.95
MAY	$ 116.80	$ 21.00	$ 137.80	$1,314.45	$ 172.30	$ 21.85	$ 194.15
JUN	$ 151.20	$ 37.40	$ 188.60	$1,227.35	$ 240.10	$ 35.60	$ 275.70
JUL	$ 132.55	$ 14.20	$ 146.75	$1,212.30	$ 144.00	$ 17.80	$ 161.80
AUG (P)	$ 220.45	$ 20.00	$ 240.45	$1,286.35	$ 142.20	$ 24.20	$ 166.40
8 MONTHS	$1,159.20	$ 216.70	$1,375.90		$1,307.05	$ 205.80	$1,512.85

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$1,837.80	$ 281.65	$2,119.45	$ 115.00	$ 28.10	$ 143.10
1990						
JAN	$ 120.35	$ 25.15	$ 145.50	$ 2.65	$ 1.70	$ 4.35
FEB	$ 102.20	$ 16.70	$ 118.90	$ 1.75	$ .85	$ 2.60
MAR	$ 146.80	$ 69.20	$ 216.00	$ 14.20	$ 3.60	$ 17.80
APR	$ 199.40	$ 19.30	$ 218.70	$ 11.95	$ .10	$ 12.05
MAY	$ 130.20	$ 21.75	$ 151.95	$ 13.40	$ .75	$ 14.15
JUN	$ 155.40	$ 40.85	$ 196.25	$ 4.20	$ 3.45	$ 7.65
JUL	$ 142.95	$ 20.00	$ 162.95	$ 10.40	$ 5.80	$ 16.20
AUG (P)	$ 225.60	$ 20.90	$ 246.50	$ 5.15	$ .90	$ 6.05
8 MONTHS	$1,222.90	$ 233.85	$1,456.75	$ 63.70	$ 17.15	$ 80.85

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$ 719.05	$ 112.55	$ 831.60	$ 380.30	$ 704.15	$ 132.85	$ 837.00
1990							
JAN	$ 41.50	$ 18.65	$ 60.15	$ 376.30	$ 55.65	$ 8.50	$ 64.15
FEB	$ 56.70	$ 21.55	$ 78.25	$ 356.05	$ 89.70	$ 8.80	$ 98.50
MAR	$ 56.95	$ 10.70	$ 67.65	$ 348.95	$ 66.45	$ 8.30	$ 74.75
APR	$ 77.25	$ 5.35	$ 82.60	$ 342.40	$ 76.70	$ 12.45	$ 89.15
MAY	$ 64.50	$ 4.15	$ 68.65	$ 332.25	$ 71.00	$ 7.80	$ 78.80
JUN	$ 69.90	$ 6.75	$ 76.65	$ 334.35	$ 70.85	$ 3.70	$ 74.55
JUL	$ 81.40	$ 6.10	$ 87.50	$ 350.25	$ 67.35	$ 4.25	$ 71.60
AUG (P)	$ 47.85	$ -.25	$ 47.60	$ 321.95	$ 61.45	$ 14.45	$ 75.90
8 MONTHS	$ 496.05	$ 73.00	$ 569.05		$ 559.15	$ 68.25	$ 627.40

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$ 743.70	$ 123.55	$ 867.25	$ 24.65	$ 11.00	$ 35.65
1990						
JAN	$ 41.95	$ 18.90	$ 60.85	$ .45	$ .25	$ .70
FEB	$ 60.10	$ 21.60	$ 81.70	$ 3.40	$ .05	$ 3.45
MAR	$ 57.30	$ 10.75	$ 68.05	$ .35	$ .05	$ .40
APR	$ 79.40	$ 5.40	$ 84.80	$ 2.15	$ .05	$ 2.20
MAY	$ 65.40	$ 4.20	$ 69.60	$ .90	$ .05	$ .95
JUN	$ 71.55	$ 6.80	$ 78.35	$ 1.65	$ .05	$ 1.70
JUL	$ 81.50	$ 6.15	$ 87.65	$ .10	$ .05	$ .15
AUG (P)	$ 49.95	$ 6.65	$ 56.60	$ 2.10	$ 6.90	$ 9.00
8 MONTHS	$ 507.15	$ 80.45	$ 587.60	$ 11.10	$ 7.45	$ 18.55

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology